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NASA MARSHALL SPACE FLIGHT CENTER SOLAR
OBSERVATORY REPORT - JANUARY-DECEMBER 1989

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Space Science Laboratory
Science and Engineering Directorate

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16. Abstract This report provides a description of the NASA Marshall Space Flight Center's Solar Vector Magnetograph Facility and gives a summary of its observations and data reduction during January-December 1989. The systems that make up the facility are a magnetograph telescope, an H-alpha telescope, a Questar telescope, and a computer code. The data are represented by longitudinal contours with azimuth plots.			
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TECHNICAL MEMORANDUM
NASA MARSHALL SPACE FLIGHT CENTER
SOLAR OBSERVATORY REPORT

INTRODUCTION

This report provides a summary of the solar vector magnetic field, H-Alpha, and white-light observations made at the NASA/ Marshall Space Flight Center (MSFC) Solar Observatory during its daily periods of operation.

The MSFC Solar Observatory facilities consist of the Solar Magnetograph, housed on top of a 12.8 meter tower, and an H-alpha telescope and Questar white-light telescope, both mounted on concrete pads at the base of the tower. A concrete block building provides office space, a darkroom for developing film and performing optical testing, a workshop, video displays, and a computer facility for data reduction.

THE NASA/MSFC SOLAR MAGNETOGRAPH

The NASA/MSFC Solar Magnetograph is an electro-optical instrument designed to provide information on the states of linear and circular polarization of a narrow wavelength interval ($1/8 \text{ \AA}$) of the 525.022 nm (5250.22 \AA) solar absorption line over a 5.75×5.75 arc minute field of view with a spatial resolution of 2.7 arc seconds and a time resolution of approximately 6 minutes for a complete vector magnetogram with a sensitivity of $1/1000$. A complete description of the instrument and its calibration and performance characteristics can be found in references 1 and 2.

H-ALPHA FACILITY

The facility houses a 12.5 cm aperture, Radzdow H-alpha telescope system. This system consists of a $f/8$, 1 m focal length, 5-inch telescope which produces a 16 mm diameter image at the prime focus. The spectral selection is provided by a Halle-Lyot birefringent filter with a 0.5 \AA bandpass centered at H-alpha and tunable within $\pm 1 \text{ \AA}$. The telescope is equipped with standard mount, drive, and guidance systems, and it provides eyepiece viewing as well as film and TV scan output.

WHITE-LIGHT TELESCOPE

An 18 cm Questar telescope with a full aperture white-light prefilter is also available for viewing or photographing sunspots and/or other white-light solar features.

COMPUTER CENTER

The data reduction capability consists of a PDP 11/73 computer with 2 megabytes memory, control terminals, color graphics display monitor, line printer, two disk systems, and a magnetic tape recorder. The data acquisition computer is a PDP 11/23 with 2 megabytes memory and is used to control the data storage, the real time analysis, and the operation of the vector magnetograph system. The system hardware is controlled by an Intel microcomputer with a Z80 processor. After receiving commands from the PDP 11/23, the Intel configures the hardware to given specifics and then acquires the data. The Intel controls the timing of the solid state camera system, the polarizing optics, and the data transfer into temporary memory.

DATA DESCRIPTION

The MSFC Vector Magnetograph system records the Sun's photospheric magnetic field over an approximately 6 X 6 arc min square field of view. The normal mode of operation produces magnetograms with a 128 X 128 data array, yielding a pixel size of 2.8 arc second resolution. It takes about 6 minutes to produce one complete vector set. The data can then be displayed in various contour plots showing the field gradients and directions.

OBSERVING RECORDS

The MSFC magnetograph observations are summarized in Appendix A. H-alpha observing records are summarized in Appendix B. White-light observing records are summarized in Appendix C.

REFERENCES

1. Hagyard, M. J., Cumings, N. P., West, E. A., and Smith, J. E., "The MSFC Solar Vector Magnetograph", *Solar Phys.* **80**, 33 (1982).
2. Hagyard, M. J., Cumings, N. P., and West, E. A., Proceedings of Kunming Workshop on Solar Physics and Interplanetary Travelling Phenomena, C. De Jager and Chen Biao, eds., 1216 (1985)

Abbreviations used in the records are as follows:

Region	Four digits means Boulder region number
	0-represents calibration
	1-represents studies at the Sun center
	2-represents studies of any Quiet area
	3-represents studies of Coronal Holes
λ P	Polarimeter waveplate position
	1-represents position to analyze circularly polarized light
	2-represents position to analyze linearly polarized light parallel to the analyzer
	3-represents position to analyze linearly polarized light 45° to the analyzer
Enh	Number of image enhancements
FP	Zeiss filter position
CF	Center filter position of Sunspot
C.T.	Correlation Tracker
	0-represents off
	1-represents on
Tape	Magnetic tape in which the data are stored

Appendix A

MAGNETOGRAPH OBSERVATIONS

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	ΔP	ENH	FP	CF	TAPE	C.T.
S90000.H	09-SEP-89	21:36:57	5680	1	256	798	807	130	1
S90001.H	09-SEP-89	21:38:57	5680	2	256	798	807	130	1
S90002.H	09-SEP-89	21:40:58	5680	3	256	798	807	130	1
S90003.H	09-SEP-89	21:43:25	5680	1	256	807	807	130	1
S90004.H	09-SEP-89	21:45:44	5680	2	256	807	807	130	1
S90005.H	09-SEP-89	21:47:41	5680	3	256	807	807	130	1
S90006.H	09-SEP-89	21:50:17	5680	1	256	816	807	130	1
S90007.H	09-SEP-89	21:52:15	5680	2	256	816	807	130	1
S90008.H	09-SEP-89	21:54:15	5680	3	256	816	807	130	1
S90009.H	11-SEP-89	17:34:30	0	3	256	816	0	0	0
S90010.H	13-SEP-89	15:56:17	5680	1	256	816	807	130	1
S90011.H	13-SEP-89	15:58:36	5680	2	256	816	807	130	1
S90012.H	13-SEP-89	16:01:22	5680	3	256	816	807	130	1
S90013.H	17-SEP-89	16:53:04	5694	1	128	814	807	130	1
S90014.H	17-SEP-89	16:54:20	5694	2	128	814	807	130	1
S90015.H	17-SEP-89	16:55:39	5694	3	128	814	807	130	1
S90016.H	17-SEP-89	16:57:44	5694	1	128	796	807	130	1
S90017.H	17-SEP-89	16:59:00	5694	2	128	796	807	130	1
S90018.H	17-SEP-89	17:00:15	5694	3	128	796	807	130	1
S90019.H	17-SEP-89	17:18:53	5694	1	128	796	807	130	1
S90020.H	17-SEP-89	17:20:38	5694	2	128	796	807	130	1
S90021.H	17-SEP-89	17:22:08	5694	3	128	796	807	130	1
S90022.H	17-SEP-89	17:24:02	5694	1	128	814	807	130	1
S90023.H	17-SEP-89	17:25:19	5694	2	128	814	807	130	1
S90024.H	17-SEP-89	17:26:40	5694	3	128	814	807	130	1
S90025.H	17-SEP-89	17:45:16	5694	1	128	814	807	130	1
S90026.H	17-SEP-89	17:46:32	5694	2	128	814	807	130	1
S90027.H	17-SEP-89	17:47:45	5694	3	128	814	807	130	1
S90028.H	17-SEP-89	17:50:02	5694	1	128	796	807	130	1
S90029.H	17-SEP-89	17:51:19	5694	2	128	796	807	130	1
S90030.H	17-SEP-89	17:54:10	5694	3	128	796	807	130	1
S90031.H	17-SEP-89	17:55:30	5694	1	128	796	807	130	1
S90032.H	17-SEP-89	00:00:05	5694	2	128	796	807	130	1
S90033.H	17-SEP-89	17:58:46	5694	3	128	796	807	130	1
S90034.H	17-SEP-89	18:10:04	5694	1	128	796	807	130	1
S90035.H	17-SEP-89	18:11:40	5694	2	128	796	807	130	1
S90036.H	17-SEP-89	18:14:53	5694	3	128	796	807	130	1
S90037.H	17-SEP-89	18:16:45	5694	1	128	814	807	130	1
S90038.H	17-SEP-89	18:18:00	5694	2	128	814	807	130	1
S90039.H	17-SEP-89	18:19:19	5694	3	128	814	807	130	1
S90040.H	17-SEP-89	18:34:38	5694	1	128	814	807	130	1
S90041.H	17-SEP-89	18:35:52	5694	2	128	814	807	130	1
S90042.H	17-SEP-89	18:37:10	5694	3	128	814	807	130	1
S90043.H	17-SEP-89	18:50:19	5694	1	128	796	807	130	1
S90044.H	17-SEP-89	18:51:48	5694	2	128	796	807	130	1
S90045.H	17-SEP-89	18:53:06	5694	3	128	796	807	130	1
S90046.H	17-SEP-89	19:05:07	5694	1	128	796	807	130	1
S90047.H	17-SEP-89	19:06:26	5694	2	128	796	807	130	1
S90048.H	17-SEP-89	19:15:42	5694	3	128	796	807	130	1
S90049.H	17-SEP-89	19:23:40	5694	1	128	796	805	131	1

MAGNETOGRAPH OBSERVATIONS

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S90052.H	17-SEP-89	19:28:24	5694	1	128	814	805	131	1
S90053.H	17-SEP-89	19:29:43	5694	2	128	814	805	131	1
S90054.H	17-SEP-89	19:31:01	5694	3	128	814	805	131	1
S90055.H	17-SEP-89	19:58:31	5694	1	128	814	805	131	1
S90056.H	17-SEP-89	19:59:42	5694	2	128	814	805	131	1
S90057.H	17-SEP-89	20:00:52	5694	3	128	814	805	131	1
S90058.H	17-SEP-89	20:07:19	5694	1	128	796	805	131	1
S90059.H	17-SEP-89	20:08:34	5694	2	128	796	805	131	1
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S90062.H	17-SEP-89	21:23:29	5694	1	128	796	805	131	1
S90063.H	17-SEP-89	21:24:46	5694	2	128	796	805	131	1
S90064.H	17-SEP-89	21:26:00	5694	3	128	796	805	131	1
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S90066.H	17-SEP-89	21:31:15	5694	2	128	796	805	131	1
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S90068.H	17-SEP-89	21:34:24	5694	1	128	814	805	131	1
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S90070.H	17-SEP-89	21:36:49	5694	3	128	814	805	131	1
S90071.H	17-SEP-89	21:38:36	5694	1	128	796	805	131	1
S90072.H	17-SEP-89	21:39:48	5694	2	128	796	805	131	1
S90073.H	17-SEP-89	21:41:01	5694	3	128	796	805	131	1
S90074.H	17-SEP-89	21:49:08	0	3	128	796	805	131	1
S90075.H	17-SEP-89	21:50:38	0	3	128	814	805	131	1
S90076.H	17-SEP-89	21:51:55	0	3	128	814	805	131	1
S90077.H	18-SEP-89	14:28:18	5694	1	128	795	804	131	1
S90078.H	18-SEP-89	14:29:41	5694	2	128	795	804	131	1
S90079.H	18-SEP-89	14:31:21	5694	3	128	795	804	131	1
S90080.H	18-SEP-89	14:34:08	5694	1	128	804	804	131	1
S90081.H	18-SEP-89	14:35:27	5694	2	128	804	804	131	1
S90082.H	18-SEP-89	14:36:40	5694	3	128	804	804	131	1
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S90084.H	18-SEP-89	14:40:10	5694	2	128	813	804	131	1
S90085.H	18-SEP-89	14:41:47	5694	3	128	813	804	131	1
S90086.H	18-SEP-89	14:49:21	0	3	128	804	804	131	1
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S90088.H	18-SEP-89	14:52:55	0	3	128	813	804	131	1
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S90095.H	18-SEP-89	15:17:38	5686	3	128	803	803	131	1
S90096.H	18-SEP-89	15:19:37	5686	1	128	812	803	131	1
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MAGNETOGRAPH OBSERVATIONS

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S90103.H	18-SEP-89	15:37:26	5698	2	128	808	808	132	1
S90104.H	18-SEP-89	15:38:38	5698	3	128	808	808	132	1
S90105.H	18-SEP-89	15:40:38	5698	1	128	817	808	132	1
S90106.H	18-SEP-89	15:41:54	5698	2	128	817	808	132	1
S90107.H	18-SEP-89	15:44:54	5698	3	128	817	808	132	1
S90108.H	19-SEP-89	19:49:07	5698	1	128	1252	1252	132	1
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S90115.H	26-SEP-89	19:18:54	5698	2	128	1210	1219	233	1
S90116.H	26-SEP-89	19:20:15	5698	3	128	1210	1219	233	1
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S90118.H	26-SEP-89	19:26:22	5698	2	128	1219	1219	233	1
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S90121.H	26-SEP-89	19:31:34	5698	1	128	1210	1219	233	1
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S90125.H	26-SEP-89	19:38:34	0	1	128	1228	1219	233	1
S90126.H	26-SEP-89	19:46:43	5698	1	128	1228	1219	233	1
S90127.H	26-SEP-89	19:48:34	5698	1	128	1210	1219	233	1
S90128.H	26-SEP-89	19:53:49	5703	1	128	1210	1219	233	1
S90129.H	26-SEP-89	19:55:24	5703	1	128	1219	1219	233	1
S90130.H	26-SEP-89	19:57:07	5703	1	128	1228	1219	233	1
S90131.H	26-SEP-89	20:05:25	5698	1	128	1228	1219	233	1
S90132.H	26-SEP-89	20:07:13	5698	1	128	1210	1219	233	1
S90133.H	26-SEP-89	20:09:41	5698	1	128	1219	1219	233	1
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S90180.H	27-SEP-89	17:06:17	5709	1	128	1234	1225	233	1
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S90183.H	27-SEP-89	17:11:17	5709	1	128	1216	1225	233	1
S90184.H	27-SEP-89	17:13:11	5709	2	128	1216	1225	233	1
S90185.H	27-SEP-89	17:14:41	5709	3	128	1216	1225	233	1
S90186.H	27-SEP-89	17:17:37	5709	1	128	1216	1225	233	1
S90187.H	27-SEP-89	17:18:56	5709	2	128	1216	1225	233	1
S90188.H	27-SEP-89	17:20:11	5709	3	128	1216	1225	233	1
S90189.H	27-SEP-89	17:23:04	5709	1	128	1234	1225	233	1
S90190.H	27-SEP-89	17:24:19	5709	2	128	1234	1225	233	1

MAGNETOGRAPH OBSERVATIONS

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S90192.H	27-SEP-89	17:42:36	5709	1	128	1234	1225	233	1
S90193.H	27-SEP-89	17:43:54	5709	2	128	1234	1225	233	1
S90194.H	27-SEP-89	17:45:11	5709	3	128	1234	1225	233	1
S90195.H	27-SEP-89	17:47:11	5709	1	128	1216	1225	233	1
S90196.H	27-SEP-89	17:49:00	5709	2	128	1216	1225	233	1

MAGNETOGRAPH OBSERVATIONS

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S90202.H	03-OCT-89	17:44:15	5712	3	128	1234	1225	233	0
S90203.H	03-OCT-89	17:46:58	5712	1	128	1216	1225	233	0
S90204.H	03-OCT-89	17:48:13	5712	2	128	1216	1225	233	0
S90205.H	03-OCT-89	17:49:32	5712	3	128	1216	1225	233	0
S90206.H	03-OCT-89	17:57:33	5712	1	128	1233	1225	233	0
S90207.H	03-OCT-89	17:58:48	5712	2	128	1233	1225	233	0
S90208.H	03-OCT-89	18:00:02	5712	3	128	1233	1225	233	0
S90209.H	03-OCT-89	18:01:52	5712	1	128	1225	1225	233	0
S90210.H	03-OCT-89	18:03:13	5712	2	128	1225	1225	233	0
S90211.H	03-OCT-89	18:04:26	5712	3	128	1225	1225	233	0
S90212.H	03-OCT-89	18:10:30	5709	1	128	1223	1223	233	0
S90213.H	03-OCT-89	18:11:46	5709	2	128	1223	1223	233	0
S90214.H	03-OCT-89	18:13:07	5709	3	128	1223	1223	233	0
S90215.H	03-OCT-89	18:14:52	5709	1	128	1232	1223	233	0
S90216.H	03-OCT-89	18:16:08	5709	2	128	1232	1223	234	0
S90217.H	03-OCT-89	18:17:22	5709	3	128	1232	1223	234	0
S90218.H	03-OCT-89	18:19:24	5709	1	128	1214	1223	234	0
S90219.H	03-OCT-89	18:20:40	5709	2	128	1214	1223	234	0
S90220.H	03-OCT-89	18:21:59	5709	3	128	1214	1223	234	0
S90221.H	03-OCT-89	18:25:03	0	3	128	1214	1223	234	0
S90222.H	03-OCT-89	18:26:30	0	3	128	1223	1223	234	0
S90223.H	03-OCT-89	18:27:57	0	3	128	1232	1223	234	0
S90224.H	03-OCT-89	18:29:09	0	3	128	1232	1223	234	0
S90225.H	03-OCT-89	19:31:52	5709	1	128	1213	1223	234	0
S90226.H	03-OCT-89	19:33:16	5709	2	128	1213	1223	234	0
S90227.H	03-OCT-89	19:34:19	5709	3	128	1213	1223	234	0
S90228.H	03-OCT-89	19:36:03	5709	1	128	1223	1223	234	0
S90229.H	03-OCT-89	19:37:06	5709	2	128	1223	1223	234	0
S90230.H	03-OCT-89	19:38:09	5709	3	128	1223	1223	234	0
S90231.H	03-OCT-89	19:39:58	5709	1	128	1232	1223	234	0
S90232.H	03-OCT-89	19:41:03	5709	2	128	1232	1223	234	0
S90233.H	03-OCT-89	19:42:06	5709	3	128	1232	1223	234	0
S90234.H	03-OCT-89	19:47:56	5712	1	128	1230	1225	234	0
S90235.H	03-OCT-89	19:49:58	5712	2	128	1234	1225	234	0
S90236.H	03-OCT-89	19:51:01	5712	3	128	1234	1225	234	0
S90237.H	03-OCT-89	19:52:58	5712	1	128	1216	1225	234	0
S90238.H	03-OCT-89	19:54:03	5712	2	128	1216	1225	234	0
S90239.H	03-OCT-89	19:55:06	5712	3	128	1216	1225	234	0
S90240.H	03-OCT-89	20:12:13	5712	1	128	1216	1225	234	0
S90241.H	03-OCT-89	20:13:16	5712	2	128	1216	1225	234	0
S90242.H	03-OCT-89	20:14:20	5712	3	128	1216	1225	234	0
S90243.H	03-OCT-89	20:16:14	5712	1	128	1234	1225	234	0
S90244.H	03-OCT-89	20:17:19	5712	2	128	1234	1225	234	0
S90245.H	03-OCT-89	20:18:22	5712	3	128	1234	1225	234	0
S90246.H	03-OCT-89	20:20:11	5712	1	128	1225	1225	234	0
S90247.H	03-OCT-89	20:21:23	5712	2	128	1225	1225	234	0
S90248.H	03-OCT-89	20:22:40	5712	3	128	1225	1225	234	0
S90249.H	03-OCT-89	20:24:31	5712	1	128	1237	1225	234	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S90250.H	03-OCT-89	20:25:53	5712	2	128	1237	1225	234	0
S90251.H	03-OCT-89	20:27:09	5712	3	128	1237	1225	234	0
S90252.H	03-OCT-89	20:29:27	5712	1	128	1213	1225	234	0
S90253.H	03-OCT-89	20:30:47	5712	2	128	1213	1225	234	0
S90254.H	03-OCT-89	20:32:11	5712	3	128	1213	1225	234	0
S90255.H	03-OCT-89	20:34:28	5712	1	128	1210	1225	234	0
S90256.H	03-OCT-89	20:35:36	5712	2	128	1210	1225	234	0
S90257.H	03-OCT-89	20:36:39	5712	3	128	1210	1225	234	0
S90258.H	03-OCT-89	20:38:33	5712	1	128	1240	1225	234	0
S90259.H	03-OCT-89	20:39:36	5712	2	128	1240	1225	234	0
S90260.H	03-OCT-89	20:40:39	5712	3	128	1240	1225	235	0
S90261.H	04-OCT-89	13:47:02	5721	1	128	1233	1225	235	0
S90262.H	04-OCT-89	13:48:22	5721	2	128	1233	1225	235	0
S90263.H	04-OCT-89	13:49:35	5721	3	128	1233	1225	235	0
S90264.H	04-OCT-89	13:51:32	5721	1	128	1216	1225	235	0
S90265.H	04-OCT-89	13:52:47	5721	2	128	1216	1225	235	0
S90266.H	04-OCT-89	13:53:59	5721	3	128	1216	1225	235	0
S90267.H	04-OCT-89	13:55:32	5721	1	128	1225	1225	235	0
S90268.H	04-OCT-89	13:56:45	5721	2	128	1225	1225	235	0
S90269.H	04-OCT-89	13:57:59	5721	3	128	1225	1225	235	0
S90270.H	04-OCT-89	13:59:51	5721	1	128	1237	1225	235	0
S90271.H	04-OCT-89	14:01:13	5721	2	128	1237	1225	235	0
S90272.H	04-OCT-89	14:02:27	5721	3	128	1237	1225	235	0
S90273.H	04-OCT-89	14:04:29	5721	1	128	1213	1225	235	0
S90274.H	04-OCT-89	14:05:43	5721	2	128	1213	1225	235	0
S90275.H	04-OCT-89	14:06:57	5721	3	128	1213	1225	235	0
S90276.H	04-OCT-89	14:09:27	0	3	128	1213	1225	235	0
S90277.H	04-OCT-89	14:10:41	0	3	128	1216	1225	235	0
S90278.H	04-OCT-89	14:11:57	0	3	128	1225	1225	235	0
S90279.H	04-OCT-89	14:13:14	0	3	128	1234	1225	235	0
S90280.H	04-OCT-89	14:14:33	0	3	128	1237	1225	235	0
S90281.H	04-OCT-89	14:15:44	0	3	128	1237	1225	235	0
S90282.H	04-OCT-89	16:02:24	5721	1	128	1234	1225	235	0
S90283.H	04-OCT-89	16:04:14	5721	2	128	1234	1225	235	0
S90284.H	04-OCT-89	16:05:49	5721	3	128	1234	1225	235	0
S90285.H	04-OCT-89	16:09:09	5721	1	128	1216	1225	235	0
S90286.H	04-OCT-89	16:11:40	5721	2	128	1216	1225	235	0
S90287.H	04-OCT-89	16:13:26	5721	3	128	1216	1225	235	0
S90288.H	04-OCT-89	16:15:25	5721	1	128	1225	1225	235	0
S90289.H	04-OCT-89	16:18:06	5721	2	128	1225	1225	235	0
S90290.H	04-OCT-89	16:19:29	5721	3	128	1225	1225	235	0
S90291.H	04-OCT-89	16:21:56	5721	1	128	1237	1225	235	0
S90292.H	04-OCT-89	16:23:08	5721	2	128	1237	1225	235	0
S90293.H	04-OCT-89	16:24:27	5721	3	128	1237	1225	235	0
S90294.H	04-OCT-89	16:26:46	5721	1	128	1213	1225	235	0
S90295.H	04-OCT-89	16:27:48	5721	2	128	1213	1225	235	0
S90296.H	04-OCT-89	16:28:50	5721	3	128	1213	1225	235	0
S90297.H	04-OCT-89	16:32:58	5721	3	128	1213	1225	235	0
S90298.H	04-OCT-89	16:34:23	0	3	128	1216	1225	235	0
S90299.H	04-OCT-89	16:35:37	0	3	128	1225	1225	235	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S90300.H	04-OCT-89	16:37:09	0	3	128	1233	1225	235	0
S90310.H	04-OCT-89	21:02:35	5721	3	128	1234	1225	236	0
S90311.H	04-OCT-89	21:04:07	5721	1	128	1237	1225	236	0
S90312.H	04-OCT-89	21:05:09	5721	2	128	1237	1225	236	0
S90313.H	04-OCT-89	21:08:45	5721	3	128	1237	1225	236	0
S90314.H	04-OCT-89	21:10:46	5721	1	128	1212	1225	236	0
S90315.H	04-OCT-89	21:11:48	5721	2	128	1212	1225	236	0
S90316.H	04-OCT-89	21:12:52	5721	3	128	1212	1225	236	0
S90317.H	05-OCT-89	13:10:23	5721	1	128	1234	1225	236	0
S90318.H	05-OCT-89	13:14:11	5721	1	128	1234	1225	236	0
S90319.H	05-OCT-89	13:16:41	5721	1	128	1234	1225	236	0
S90320.H	05-OCT-89	13:19:44	5721	2	128	1234	1225	236	0
S90321.H	05-OCT-89	13:21:08	5721	3	128	1234	1225	236	0
S90322.H	05-OCT-89	13:22:42	5721	1	128	1234	1225	236	0
S90323.H	05-OCT-89	13:23:59	5721	2	128	1234	1225	236	0
S90324.H	05-OCT-89	13:26:47	5721	3	128	1234	1225	236	0
S90325.H	05-OCT-89	13:29:07	5721	1	128	1216	1225	236	0
S90326.H	05-OCT-89	13:30:36	5721	2	128	1216	1225	236	0
S90327.H	05-OCT-89	13:31:54	5721	3	128	1216	1225	236	0
S90328.H	05-OCT-89	13:34:05	5721	1	128	1213	1225	236	0
S90329.H	05-OCT-89	13:35:19	5721	2	128	1213	1225	236	0
S90330.H	05-OCT-89	13:37:14	5721	3	128	1213	1225	236	0
S90331.H	05-OCT-89	13:40:15	5721	1	128	1237	1225	236	0
S90332.H	05-OCT-89	13:41:32	5721	2	128	1237	1225	236	0
S90333.H	05-OCT-89	13:42:58	5721	3	128	1237	1225	236	0
S90334.H	05-OCT-89	13:44:52	5721	1	128	1225	1225	236	0
S90335.H	05-OCT-89	13:46:07	5721	2	128	1225	1225	236	0
S90336.H	05-OCT-89	13:47:21	5721	3	128	1225	1225	236	0
S90337.H	05-OCT-89	13:53:12	0	3	128	1213	1225	236	0
S90338.H	05-OCT-89	13:54:31	0	3	128	1216	1225	236	0
S90339.H	05-OCT-89	13:55:47	0	3	128	1225	1225	236	0
S90340.H	05-OCT-89	13:57:13	0	3	128	1234	1225	236	0
S90341.H	05-OCT-89	13:58:51	0	3	128	1237	1225	236	0
S90342.H	05-OCT-89	14:00:05	0	3	128	1237	1225	236	0
S90343.H	05-OCT-89	14:13:46	0	1	128	1216	1225	236	0
S90344.H	05-OCT-89	14:15:03	0	2	128	1215	1225	236	0
S90345.H	05-OCT-89	14:16:15	0	3	128	1215	1225	236	0
S90346.H	05-OCT-89	14:18:05	0	1	128	1234	1225	236	0
S90347.H	05-OCT-89	14:19:26	0	2	128	1234	1225	236	0
S90348.H	05-OCT-89	14:20:45	0	3	128	1234	1225	236	0
S90349.H	05-OCT-89	14:24:17	5721	1	128	1234	1225	236	0
S90350.H	05-OCT-89	14:25:47	5721	2	128	1234	1225	236	0
S90351.H	05-OCT-89	14:27:11	5721	3	128	1234	1225	236	0
S90352.H	05-OCT-89	14:30:58	5721	1	128	1212	1225	236	0
S90353.H	05-OCT-89	14:32:13	5721	2	128	1212	1225	236	0
S90354.H	05-OCT-89	14:34:44	5721	2	128	1216	1225	236	0
S90355.H	05-OCT-89	14:36:06	5721	3	128	1216	1225	236	0
S90356.H	05-OCT-89	14:38:23	5721	1	128	1213	1225	236	0
S90357.H	05-OCT-89	14:39:26	5721	2	128	1213	1225	236	0
S90358.H	05-OCT-89	14:40:34	5721	3	128	1213	1225	236	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S90359.H	05-OCT-89	14:44:13	5721	1	128	1237	1225	236	0
S90360.H	05-OCT-89	14:45:15	5721	2	128	1237	1225	237	0
S90361.H	05-OCT-89	14:46:29	5721	3	128	1237	1225	237	0
S90362.H	05-OCT-89	15:45:58	5721	1	128	1234	1225	237	0
S90363.H	05-OCT-89	15:47:14	5721	2	128	1234	1225	237	0
S90364.H	05-OCT-89	15:48:27	5721	3	128	1234	1225	237	0
S90365.H	05-OCT-89	15:50:30	5721	1	128	1215	1225	237	0
S90366.H	05-OCT-89	15:51:44	5721	2	128	1215	1225	237	0
S90367.H	05-OCT-89	15:53:00	5721	3	128	1215	1225	237	0
S90368.H	05-OCT-89	21:17:15	5721	1	128	1234	1225	237	0
S90369.H	05-OCT-89	21:18:31	5721	2	128	1234	1225	237	0
S90370.H	05-OCT-89	21:19:52	5721	3	128	1234	1225	237	0
S90371.H	05-OCT-89	21:21:48	5721	1	128	1216	1225	237	0
S90372.H	05-OCT-89	21:23:06	5721	2	128	1216	1225	237	0
S90373.H	05-OCT-89	21:24:24	5721	3	128	1216	1225	237	0
S90374.H	05-OCT-89	21:26:04	5721	1	128	1225	1225	237	0
S90375.H	05-OCT-89	21:27:20	5721	2	128	1225	1225	237	0
S90376.H	05-OCT-89	21:28:41	5721	3	128	1225	1225	237	0
S90377.H	05-OCT-89	21:30:41	0	3	128	1225	1225	237	0
S90378.H	05-OCT-89	21:32:15	0	3	128	1216	1225	237	0
S90379.H	05-OCT-89	21:33:42	0	3	128	1234	1225	237	0
S90380.H	05-OCT-89	21:40:58	5721	1	128	1237	1225	237	0
S90381.H	05-OCT-89	21:42:05	5721	2	128	1237	1225	237	0
S90382.H	05-OCT-89	21:43:12	5721	3	128	1237	1225	237	0
S90383.H	05-OCT-89	21:45:12	5721	1	128	1213	1225	237	0
S90384.H	05-OCT-89	21:46:28	5721	2	128	1213	1225	237	0
S90385.H	05-OCT-89	21:47:38	5721	3	128	1213	1225	237	0
S90386.H	06-OCT-89	13:53:14	5721	1	64	1234	1225	237	0
S90387.H	06-OCT-89	15:00:38	5721	1	128	1234	1225	237	0
S90388.H	06-OCT-89	15:00:11	5721	2	128	1234	1225	237	0
S90389.H	06-OCT-89	15:00:30	5721	3	128	1234	1225	237	0
S90390.H	06-OCT-89	15:00:34	5721	1	128	1216	1225	237	0
S90391.H	06-OCT-89	15:00:53	5721	2	128	1216	1225	237	0
S90392.H	06-OCT-89	15:00:13	5721	3	128	1216	1225	237	0
S90393.H	06-OCT-89	15:00:53	5721	1	128	1225	1225	237	0
S90394.H	06-OCT-89	15:00:17	5721	2	128	1224	1225	237	0
S90395.H	06-OCT-89	15:00:36	5721	3	128	1224	1225	237	0
S90396.H	06-OCT-89	15:00:36	5721	1	128	1216	1225	237	0
S90397.H	06-OCT-89	15:00:57	5721	2	128	1216	1225	237	0
S90398.H	06-OCT-89	15:00:30	5721	3	128	1216	1225	237	0
S90399.H	06-OCT-89	15:00:29	5721	1	128	1234	1225	237	0
S90400.H	06-OCT-89	15:00:48	5721	2	128	1234	1225	237	0
S90401.H	06-OCT-89	15:00:05	5721	3	128	1234	1225	237	0
S90402.H	06-OCT-89	15:00:40	5721	1	128	1237	1225	237	0
S90403.H	06-OCT-89	15:00:47	5721	2	128	1237	1225	237	0
S90404.H	06-OCT-89	15:00:53	5721	3	128	1237	1225	237	0
S90405.H	06-OCT-89	15:00:43	5721	1	128	1213	1225	237	0
S90406.H	06-OCT-89	15:00:48	5721	2	128	1213	1225	237	0
S90407.H	06-OCT-89	15:00:55	5721	3	128	1213	1225	237	0
S90408.H	06-OCT-89	18:00:14	5721	1	128	1234	1225	237	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S90409.H	06-OCT-89	18:00:35	5721	2	128	1234	1225	237	0
S90410.H	06-OCT-89	18:00:15	5721	3	128	1234	1225	238	0
S90411.H	06-OCT-89	18:00:20	5721	1	128	1216	1225	238	0
S90412.H	06-OCT-89	18:00:25	5721	2	128	1216	1225	238	0
S90413.H	06-OCT-89	18:00:23	5721	3	128	1216	1225	238	0
S90414.H	06-OCT-89	21:00:02	5721	1	128	1234	1225	238	0
S90415.H	06-OCT-89	21:00:16	5721	2	128	1234	1225	238	0
S90416.H	06-OCT-89	21:00:30	5721	3	128	1234	1225	238	0
S90417.H	06-OCT-89	21:00:21	5721	1	128	1216	1225	238	0
S90418.H	06-OCT-89	21:00:41	5721	2	128	1216	1225	238	0
S90419.H	06-OCT-89	21:00:03	5721	3	128	1216	1225	238	0
S90420.H	06-OCT-89	21:00:57	5721	1	128	1225	1225	238	0
S90421.H	06-OCT-89	21:00:04	5721	2	128	1225	1225	238	0
S90422.H	06-OCT-89	21:00:06	5721	3	128	1225	1225	238	0
S90423.H	06-OCT-89	21:00:37	0	3	128	1225	1225	238	0
S90424.H	06-OCT-89	21:00:06	0	3	128	1216	1225	238	0
S90425.H	06-OCT-89	21:00:32	0	3	128	1234	1225	238	0
S90426.H	06-OCT-89	21:00:38	0	3	128	1234	1225	238	0
S90427.H	06-OCT-89	21:00:05	5721	1	128	1234	1225	238	0
S90428.H	06-OCT-89	21:00:21	5721	2	128	1234	1225	238	0
S90429.H	06-OCT-89	21:00:38	5721	3	128	1234	1225	238	0
S90430.H	06-OCT-89	21:00:33	5721	1	128	1215	1225	238	0
S90431.H	06-OCT-89	21:00:48	5721	2	128	1215	1225	238	0
S90432.H	06-OCT-89	21:00:01	5721	3	128	1215	1225	238	0
S90433.H	10-OCT-89	14:00:04	5721	1	128	1231	1222	238	0
S90434.H	10-OCT-89	14:00:23	5721	2	128	1231	1222	238	0
S90435.H	10-OCT-89	14:00:38	5721	3	128	1231	1222	238	0
S90436.H	10-OCT-89	14:00:50	5721	1	128	1213	1222	238	0
S90437.H	10-OCT-89	14:00:14	5721	2	128	1213	1222	238	0
S90438.H	10-OCT-89	14:00:33	5721	3	128	1213	1222	238	0
S90439.H	10-OCT-89	14:00:44	5721	1	128	1222	1222	238	0
S90440.H	10-OCT-89	14:00:03	5721	2	128	1222	1222	238	0
S90441.H	10-OCT-89	14:00:35	5721	3	128	1222	1222	238	0
S90442.H	10-OCT-89	15:00:08	5721	1	128	1231	1222	238	0
S90443.H	10-OCT-89	15:00:28	5721	2	128	1231	1222	238	0
S90444.H	10-OCT-89	15:00:46	5721	3	128	1231	1222	238	0
S90445.H	10-OCT-89	15:00:46	5721	1	128	1213	1222	238	0
S90446.H	10-OCT-89	15:00:03	5721	2	128	1213	1222	238	0
S90447.H	10-OCT-89	15:00:27	5721	3	128	1213	1222	238	0
S90448.H	10-OCT-89	15:00:13	5721	1	128	1222	1222	238	0
S90449.H	10-OCT-89	15:00:26	5721	2	128	1222	1222	238	0
S90450.H	10-OCT-89	15:00:08	5721	3	128	1222	1222	238	0
S90451.H	10-OCT-89	15:00:46	0	3	128	1222	1222	238	0
S90452.H	10-OCT-89	15:00:18	0	3	128	1231	1222	238	0
S90453.H	10-OCT-89	15:00:17	0	3	128	1213	1222	238	0
S90454.H	10-OCT-89	15:00:24	0	3	128	1213	1222	238	0
S90455.H	10-OCT-89	17:00:08	5721	1	128	1231	1222	238	0
S90456.H	10-OCT-89	17:00:27	5721	2	128	1231	1222	238	0
S90457.H	10-OCT-89	17:00:42	5721	3	128	1231	1222	238	0
S90458.H	10-OCT-89	17:52:30	5721	1	128	1213	1222	238	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S90459.H	10-OCT-89	18:19:11	5721	1	128	1213	1222	238	0
S90460.H	10-OCT-89	18:41:09	5721	1	128	1213	1222	239	0
S90461.H	10-OCT-89	18:42:25	5721	2	128	1213	1222	239	0
S90462.H	10-OCT-89	18:43:43	5721	3	128	1213	1222	239	0
S90463.H	10-OCT-89	18:45:50	5721	1	128	1231	1222	239	0
S90464.H	10-OCT-89	18:47:14	5721	2	128	1231	1222	239	0
S90465.H	10-OCT-89	18:48:30	5721	3	128	1231	1222	239	0
S90466.H	10-OCT-89	18:50:50	5721	1	128	1222	1222	239	0
S90467.H	10-OCT-89	18:52:05	5721	2	128	1222	1222	239	0
S90468.H	10-OCT-89	18:53:20	5721	3	128	1222	1222	239	0
S90469.H	10-OCT-89	19:01:49	5721	1	128	1210	1222	239	0
S90470.H	10-OCT-89	19:03:06	5721	2	128	1210	1222	239	0
S90471.H	10-OCT-89	19:04:22	5721	3	128	1210	1222	239	0
S90472.H	10-OCT-89	19:10:03	5721	1	128	1234	1222	239	0
S90473.H	10-OCT-89	19:12:54	5721	2	128	1234	1222	239	0
S90474.H	10-OCT-89	19:14:16	5721	3	128	1234	1222	239	0
S90475.H	10-OCT-89	19:17:06	0	3	128	1234	1222	239	0
S90476.H	10-OCT-89	19:21:12	0	3	128	1231	1222	239	0
S90477.H	10-OCT-89	19:23:22	0	3	128	1213	1222	239	0
S90478.H	10-OCT-89	19:25:47	5721	1	128	1222	1222	239	0
S90479.H	10-OCT-89	19:37:54	5721	2	128	1222	1222	239	0
S90480.H	10-OCT-89	19:39:01	5721	3	128	1222	1222	239	0
S90481.H	11-OCT-89	14:52:12	5698	1	128	1235	1226	239	0
S90482.H	11-OCT-89	14:53:27	5698	2	128	1235	1226	239	0
S90483.H	11-OCT-89	14:54:47	5698	3	128	1235	1226	239	0
S90484.H	11-OCT-89	14:56:43	5698	1	128	1217	1226	239	0
S90485.H	11-OCT-89	14:57:58	5698	2	128	1217	1226	239	0
S90486.H	11-OCT-89	14:59:12	5698	3	128	1217	1226	239	0
S90487.H	11-OCT-89	15:01:18	5698	1	128	1226	1226	239	0
S90488.H	11-OCT-89	15:02:50	5698	2	128	1226	1226	239	0
S90489.H	11-OCT-89	15:04:06	5698	3	128	1226	1226	239	0
S90490.H	12-OCT-89	14:00:19	5740	1	128	1234	1226	239	0
S90491.H	12-OCT-89	14:01:39	5740	2	128	1234	1226	239	0
S90492.H	12-OCT-89	14:03:14	5740	3	128	1234	1226	239	0
S90493.H	12-OCT-89	14:04:56	5740	1	128	1234	1226	239	0
S90494.H	12-OCT-89	14:06:13	5740	2	128	1234	1226	239	0
S90495.H	12-OCT-89	14:07:30	5740	3	128	1234	1226	239	0
S90496.H	12-OCT-89	14:09:39	5740	1	128	1215	1226	239	0
S90497.H	12-OCT-89	14:10:54	5740	2	128	1215	1226	239	0
S90498.H	12-OCT-89	14:12:13	5740	3	128	1215	1226	239	0
S90499.H	12-OCT-89	14:14:22	5740	1	128	1225	1225	239	0
S90500.H	12-OCT-89	14:15:39	5740	2	128	1225	1225	239	0
S90501.H	12-OCT-89	14:17:19	5740	3	128	1225	1225	239	0
S90502.H	12-OCT-89	14:19:33	5740	1	128	1234	1225	239	0
S90503.H	12-OCT-89	14:21:53	5740	2	128	1234	1225	239	0
S90504.H	12-OCT-89	14:23:17	5740	3	128	1234	1225	239	0
S90505.H	12-OCT-89	14:25:35	5740	1	128	1237	1225	239	0
S90506.H	12-OCT-89	14:26:57	5740	2	128	1237	1225	239	0
S90507.H	12-OCT-89	14:28:15	5740	3	128	1237	1225	239	0
S90508.H	12-OCT-89	14:30:09	5740	1	128	1234	1225	239	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	AP	ENH	FP	CF	TAPE	C.T.
S90509.H	12-OCT-89	14:31:35	5740	2	128	1234	1225	239	0
S90510.H	12-OCT-89	14:32:56	5740	3	128	1234	1225	240	0
S90511.H	12-OCT-89	14:35:07	5740	1	256	1234	1225	240	0
S90512.H	12-OCT-89	14:37:09	5740	2	256	1234	1225	240	0
S90513.H	12-OCT-89	14:39:06	5740	3	256	1234	1225	240	0
S90514.H	12-OCT-89	14:42:04	5740	3	128	1234	1225	240	0
S90515.H	12-OCT-89	14:44:03	0	3	128	1216	1225	240	0
S90516.H	12-OCT-89	14:45:39	0	3	128	1237	1225	240	0
S90517.H	12-OCT-89	14:58:15	0	1	128	1234	1225	240	0
S90518.H	12-OCT-89	15:16:42	5738	1	128	1233	1224	240	0
S90519.H	12-OCT-89	15:18:04	5738	2	128	1233	1224	240	0
S90520.H	12-OCT-89	15:19:20	5738	3	128	1233	1224	240	0
S90521.H	12-OCT-89	15:22:28	5738	1	128	1233	1224	240	0
S90522.H	12-OCT-89	15:23:44	5738	2	128	1233	1224	240	0
S90523.H	12-OCT-89	15:25:00	5738	3	128	1233	1224	240	0
S90524.H	12-OCT-89	15:26:57	5738	1	128	1215	1224	240	0
S90525.H	12-OCT-89	15:28:13	5738	2	128	1215	1224	240	0
S90526.H	12-OCT-89	15:29:28	5738	3	128	1215	1224	240	0
S90527.H	12-OCT-89	15:32:06	5738	1	128	1224	1224	240	0
S90528.H	12-OCT-89	15:33:29	5738	2	128	1224	1224	240	0
S90529.H	12-OCT-89	15:34:44	5738	3	128	1224	1224	240	0
S90530.H	12-OCT-89	15:37:00	5738	1	128	1236	1224	240	0
S90531.H	12-OCT-89	15:38:28	5738	2	128	1236	1224	240	0
S90532.H	12-OCT-89	15:39:43	5738	3	128	1236	1224	240	0
S90533.H	12-OCT-89	15:41:49	5738	1	128	1212	1224	240	0
S90534.H	12-OCT-89	15:43:05	5738	2	128	1212	1224	240	0
S90535.H	12-OCT-89	15:44:20	5738	3	128	1212	1224	240	0
S90536.H	12-OCT-89	15:47:26	0	3	128	1212	1224	240	0
S90537.H	12-OCT-89	15:49:04	0	3	128	1215	1224	240	0
S90538.H	12-OCT-89	15:50:25	0	3	128	1224	1224	240	0
S90539.H	12-OCT-89	15:51:43	0	3	128	1233	1224	240	0
S90540.H	12-OCT-89	15:52:57	0	3	128	1236	1224	240	0
S90541.H	14-OCT-89	15:01:43	5740	1	128	1233	1224	240	0
S90542.H	14-OCT-89	15:02:59	5740	2	128	1233	1224	240	0
S90543.H	14-OCT-89	15:04:16	5740	3	128	1233	1224	240	0
S90544.H	14-OCT-89	15:06:19	5740	1	128	1215	1224	240	0
S90545.H	14-OCT-89	15:07:36	5740	2	128	1215	1224	240	0
S90546.H	14-OCT-89	15:08:52	5740	3	128	1215	1224	240	0
S90547.H	14-OCT-89	15:11:07	5740	1	128	1223	1224	240	0
S90548.H	14-OCT-89	15:12:31	5740	2	128	1223	1224	240	0
S90549.H	14-OCT-89	15:15:02	5740	3	128	1223	1224	240	0
S90550.H	14-OCT-89	15:17:12	5740	1	128	1233	1224	240	0
S90551.H	14-OCT-89	15:18:33	5740	2	128	1233	1224	240	0
S90552.H	14-OCT-89	15:19:55	5740	3	128	1233	1224	240	0
S90553.H	14-OCT-89	15:21:19	5740	1	128	1233	1224	240	0
S90554.H	14-OCT-89	15:22:42	5740	2	128	1233	1224	240	0
S90555.H	14-OCT-89	15:24:02	5740	3	128	1233	1224	240	0
S90556.H	14-OCT-89	15:25:35	5740	1	128	1236	1224	240	0
S90557.H	14-OCT-89	15:26:57	5740	2	128	1236	1224	240	0
S90558.H	14-OCT-89	15:28:16	5740	3	128	1236	1224	240	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	AP	ENH	FP	CF	TAPE	C.T.
S90559.H	14-OCT-89	15:30:06	5740	1	128	1239	1224	240	0
S90560.H	14-OCT-89	15:31:31	5740	2	128	1239	1224	241	0
S90561.H	14-OCT-89	15:32:53	5740	3	128	1239	1224	241	0
S90562.H	14-OCT-89	15:48:22	5744	1	128	1235	1226	241	0
S90563.H	14-OCT-89	15:49:46	5744	2	128	1235	1226	241	0
S90564.H	14-OCT-89	15:51:14	5744	3	128	1235	1226	241	0
S90565.H	14-OCT-89	15:52:59	5744	1	128	1215	1226	241	0
S90566.H	14-OCT-89	15:54:31	5744	2	128	1215	1226	241	0
S90567.H	14-OCT-89	15:55:54	5744	3	128	1215	1226	241	0
S90568.H	14-OCT-89	15:57:51	5744	1	128	1224	1226	241	0
S90569.H	14-OCT-89	15:59:36	5744	2	128	1226	1226	241	0
S90570.H	14-OCT-89	16:00:56	5744	3	128	1226	1226	241	0
S90571.H	14-OCT-89	16:03:24	5744	1	128	1235	1226	241	0
S90572.H	14-OCT-89	16:04:48	5744	2	128	1235	1226	241	0
S90573.H	14-OCT-89	16:06:15	5744	3	128	1235	1226	241	0
S90574.H	14-OCT-89	16:10:18	0	3	128	1215	1224	241	0
S90575.H	14-OCT-89	16:11:47	0	3	128	1224	1224	241	0
S90576.H	14-OCT-89	16:13:08	0	3	128	1233	1224	241	0
S90577.H	14-OCT-89	16:14:25	0	3	128	1236	1224	241	0
S90578.H	14-OCT-89	16:15:38	0	3	128	1239	1224	241	0
S90579.H	14-OCT-89	16:17:17	0	3	128	1239	1224	241	0
S90580.H	15-OCT-89	14:24:18	5740	1	128	1233	1224	241	0
S90581.H	15-OCT-89	14:26:45	5740	2	128	1233	1224	241	0
S90582.H	15-OCT-89	14:28:17	5740	3	128	1233	1224	241	0
S90583.H	15-OCT-89	14:30:57	5740	1	128	1233	1224	241	0
S90584.H	15-OCT-89	14:32:20	5740	2	128	1233	1224	241	0
S90585.H	15-OCT-89	14:33:41	5740	3	128	1233	1224	241	0
S90586.H	15-OCT-89	14:35:07	5740	1	128	1233	1224	241	0
S90587.H	15-OCT-89	14:36:27	5740	2	128	1233	1224	241	0
S90588.H	15-OCT-89	14:37:56	5740	3	128	1233	1224	241	0
S90589.H	15-OCT-89	14:44:46	5740	1	128	1232	1223	241	0
S90590.H	15-OCT-89	14:46:05	5740	2	128	1232	1223	241	0
S90591.H	15-OCT-89	14:47:29	5740	3	128	1232	1223	241	0
S90592.H	15-OCT-89	14:50:03	5740	1	128	1214	1223	241	0
S90593.H	15-OCT-89	14:51:27	5740	2	128	1214	1223	241	0
S90594.H	15-OCT-89	14:53:10	5740	3	128	1214	1223	241	0
S90595.H	15-OCT-89	14:55:06	5740	1	128	1223	1223	241	0
S90596.H	15-OCT-89	14:56:23	5740	2	128	1223	1223	241	0
S90597.H	15-OCT-89	14:57:41	5740	3	128	1223	1223	241	0
S90598.H	15-OCT-89	15:05:21	5740	1	128	1231	1223	241	0
S90599.H	15-OCT-89	15:06:38	5740	2	128	1231	1223	241	0
S90600.H	15-OCT-89	15:08:03	5740	3	128	1231	1223	242	0
S90601.H	15-OCT-89	15:09:46	5740	1	128	1231	1223	242	0
S90602.H	15-OCT-89	15:11:04	5740	2	128	1231	1223	242	0
S90603.H	15-OCT-89	15:12:21	5740	3	128	1231	1223	242	0
S90604.H	15-OCT-89	15:17:13	5740	1	128	1235	1223	242	0
S90605.H	15-OCT-89	15:18:31	5740	2	128	1235	1223	242	0
S90606.H	15-OCT-89	15:19:49	5740	3	128	1235	1223	242	0
S90607.H	15-OCT-89	15:21:25	5740	1	128	1238	1223	242	0
S90608.H	15-OCT-89	15:22:42	5740	2	128	1238	1223	242	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S90609.H	15-OCT-89	15:25:00	5740	3	128	1238	1223	242	0
S90610.H	15-OCT-89	15:30:17	0	3	128	1214	1223	242	0
S90611.H	15-OCT-89	15:31:35	0	3	128	1223	1223	242	0
S90612.H	15-OCT-89	15:33:22	0	3	128	1232	1223	242	0
S90613.H	15-OCT-89	15:34:48	0	3	128	1235	1223	242	0
S90614.H	15-OCT-89	15:36:01	0	3	128	1238	1223	242	0
S90615.H	15-OCT-89	15:38:12	0	3	128	1231	1223	242	0
S90616.H	15-OCT-89	16:02:14	5744	1	128	1235	1226	242	0
S90617.H	15-OCT-89	16:05:24	5744	2	128	1235	1226	242	0
S90618.H	15-OCT-89	16:07:49	5744	3	128	1235	1226	242	0
S90619.H	15-OCT-89	16:19:19	5744	1	128	1235	1226	242	0
S90620.H	15-OCT-89	16:20:38	5744	2	128	1235	1226	242	0
S90621.H	15-OCT-89	16:22:06	5744	3	128	1235	1226	242	0
S90622.H	15-OCT-89	16:24:18	5744	1	128	1217	1226	242	0
S90623.H	15-OCT-89	16:26:45	5744	2	128	1217	1226	242	0
S90624.H	15-OCT-89	16:28:27	5744	3	128	1217	1226	242	0
S90625.H	15-OCT-89	16:30:06	5744	1	128	1226	1226	242	0
S90626.H	15-OCT-89	16:31:24	5744	2	128	1226	1226	242	0
S90627.H	15-OCT-89	16:36:11	5744	3	128	1226	1226	242	0
S90628.H	15-OCT-89	16:39:16	5744	1	128	1235	1226	242	0
S90629.H	15-OCT-89	16:40:35	5744	2	128	1235	1226	242	0
S90630.H	15-OCT-89	16:41:56	5744	3	128	1235	1226	242	0
S90631.H	15-OCT-89	16:45:22	5744	1	128	1235	1226	242	0
S90632.H	15-OCT-89	16:46:41	5744	2	128	1235	1226	242	0
S90633.H	15-OCT-89	16:48:04	5744	3	128	1235	1226	242	0
S90634.H	15-OCT-89	17:02:01	5744	1	256	1235	1226	242	0
S90635.H	15-OCT-89	17:04:12	5744	2	256	1235	1226	242	0
S90636.H	15-OCT-89	17:06:11	5744	3	256	1235	1226	242	0
S90637.H	15-OCT-89	17:08:35	5744	1	64	1235	1226	242	0
S90638.H	15-OCT-89	17:09:34	5744	2	64	1235	1226	242	0
S90639.H	15-OCT-89	17:10:38	5744	3	64	1235	1226	242	0
S90640.H	24-OCT-89	14:00:27	5747	1	128	1231	1219	243	0
S90641.H	24-OCT-89	14:13:43	5747	1	128	1228	1219	243	0
S90642.H	24-OCT-89	14:15:04	5747	2	128	1228	1219	243	0
S90643.H	24-OCT-89	14:16:25	5747	3	128	1228	1219	243	0
S90644.H	24-OCT-89	14:18:26	5747	1	128	1210	1219	243	0
S90645.H	24-OCT-89	14:20:28	5747	2	128	1210	1219	243	0
S90646.H	24-OCT-89	14:21:48	5747	3	128	1210	1219	243	0
S90647.H	24-OCT-89	16:09:48	5747	1	128	1231	1222	243	0
S90648.H	24-OCT-89	16:11:05	5747	2	128	1231	1222	243	0
S90649.H	24-OCT-89	16:12:24	5747	3	128	1231	1222	243	0
S90650.H	24-OCT-89	16:14:43	5747	1	128	1213	1222	243	0
S90651.H	24-OCT-89	16:16:13	5747	2	128	1213	1222	243	0
S90652.H	24-OCT-89	16:17:29	5747	3	128	1213	1222	243	0
S90653.H	24-OCT-89	16:19:24	5747	1	128	1221	1222	243	0
S90654.H	24-OCT-89	16:20:48	5747	2	128	1221	1222	243	0
S90655.H	24-OCT-89	16:22:19	5747	3	128	1221	1222	243	0
S90656.H	24-OCT-89	16:24:29	5747	1	128	1210	1222	243	0
S90657.H	24-OCT-89	16:25:48	5747	2	128	1210	1222	243	0
S90658.H	24-OCT-89	16:27:02	5747	3	128	1210	1222	243	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	AP	ENH	FP	CF	TAPE	C.T.
S90659.H	24-OCT-89	16:29:01	5747	1	128	1234	1222	243	0
S90660.H	24-OCT-89	16:30:15	5747	2	128	1234	1222	243	0
S90661.H	24-OCT-89	16:31:31	5747	3	128	1234	1222	243	0
S90662.H	24-OCT-89	16:33:12	0	3	128	1234	1222	243	0
S90663.H	24-OCT-89	16:34:31	0	3	128	1231	1222	243	0
S90664.H	24-OCT-89	16:36:00	0	3	128	1222	1222	243	0
S90665.H	24-OCT-89	16:37:33	0	3	128	1213	1222	243	0
S90666.H	24-OCT-89	16:38:50	0	3	128	1210	1222	243	0
S90667.H	24-OCT-89	16:39:56	0	3	128	1210	1222	243	0
S90668.H	24-OCT-89	16:47:27	5754	1	128	1233	1224	243	0
S90669.H	24-OCT-89	16:48:43	5754	2	128	1233	1224	243	0
S90670.H	24-OCT-89	16:49:58	5754	3	128	1233	1224	243	0
S90671.H	24-OCT-89	16:51:54	5754	1	128	1215	1224	243	0
S90672.H	24-OCT-89	16:53:11	5754	2	128	1215	1224	243	0
S90673.H	24-OCT-89	16:54:27	5754	3	128	1215	1224	243	0
S90674.H	24-OCT-89	16:56:27	5754	1	128	1224	1224	243	0
S90675.H	24-OCT-89	16:57:46	5754	2	128	1224	1224	243	0
S90676.H	24-OCT-89	16:59:15	5754	3	128	1224	1224	243	0
S90677.H	24-OCT-89	17:01:09	0	3	128	1224	1224	243	0
S90678.H	24-OCT-89	17:02:38	0	3	128	1215	1224	243	0
S90679.H	24-OCT-89	17:04:09	0	3	128	1233	1224	243	0
S90680.H	24-OCT-89	17:09:20	5754	1	128	1233	1224	243	0
S90681.H	24-OCT-89	17:10:39	5754	2	128	1233	1224	243	0
S90682.H	24-OCT-89	17:11:54	5754	3	128	1233	1224	243	0
S90683.H	24-OCT-89	17:13:49	5754	1	128	1215	1224	243	0
S90684.H	24-OCT-89	17:15:06	5754	2	128	1215	1224	243	0
S90685.H	24-OCT-89	17:16:22	5754	3	128	1215	1224	243	0
S90686.H	24-OCT-89	17:18:11	5754	1	128	1212	1224	243	0
S90687.H	24-OCT-89	17:19:27	5754	2	128	1212	1224	243	0
S90688.H	24-OCT-89	17:20:41	5754	3	128	1212	1224	243	0
S90689.H	24-OCT-89	17:22:48	5754	1	128	1236	1224	243	0
S90690.H	24-OCT-89	17:24:03	5754	2	128	1236	1224	243	0
S90691.H	24-OCT-89	17:31:10	5754	3	128	1236	1224	243	0
S90692.H	24-OCT-89	19:44:44	5747	1	128	1231	1222	243	0
S90693.H	24-OCT-89	19:45:58	5747	2	128	1231	1222	243	0
S90694.H	24-OCT-89	19:47:13	5747	3	128	1231	1222	243	0
S90695.H	24-OCT-89	19:49:42	5747	1	128	1234	1222	243	0
S90696.H	24-OCT-89	19:50:56	5747	2	128	1234	1222	243	0
S90697.H	24-OCT-89	19:52:11	5747	3	128	1234	1222	243	0
S90698.H	24-OCT-89	19:54:10	5747	1	128	1213	1222	243	0
S90699.H	24-OCT-89	19:55:25	5747	2	128	1213	1222	243	0
S90700.H	24-OCT-89	19:56:39	5747	3	128	1213	1222	244	0
S90701.H	24-OCT-89	19:58:11	5747	1	128	1210	1222	244	0
S90702.H	24-OCT-89	19:59:26	5747	2	128	1210	1222	244	0
S90703.H	24-OCT-89	20:00:53	5747	3	128	1210	1222	244	0
S90704.H	24-OCT-89	20:02:45	5747	1	128	1231	1222	244	0
S90705.H	24-OCT-89	20:03:59	5747	2	128	1231	1222	244	0
S90706.H	24-OCT-89	20:05:25	5747	3	128	1231	1222	244	0
S90707.H	24-OCT-89	20:06:47	5747	1	128	1231	1222	244	0
S90708.H	24-OCT-89	20:07:53	5747	2	128	1231	1222	244	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S90709.H	24-OCT-89	20:08:57	5747	3	128	1231	1222	244	0
S90710.H	24-OCT-89	20:10:34	5747	1	128	1234	1222	244	0
S90711.H	24-OCT-89	20:11:37	5747	2	128	1234	1222	244	0
S90712.H	24-OCT-89	20:12:41	5747	3	128	1234	1222	244	0
S90713.H	24-OCT-89	20:28:10	5747	1	128	1231	1222	244	0
S90714.H	24-OCT-89	20:29:29	5747	2	128	1231	1222	244	0
S90715.H	24-OCT-89	20:30:36	5747	3	128	1231	1222	244	0
S90716.H	24-OCT-89	20:32:38	5747	1	128	1213	1222	244	0
S90717.H	24-OCT-89	20:33:44	5747	2	128	1213	1222	244	0
S90718.H	24-OCT-89	20:34:49	5747	3	128	1213	1222	244	0
S90719.H	24-OCT-89	20:36:51	5747	1	128	1231	1222	244	0
S90720.H	24-OCT-89	20:38:05	5747	2	128	1231	1222	244	0
S90721.H	24-OCT-89	20:39:21	5747	3	128	1231	1222	244	0
S90722.H	24-OCT-89	20:43:43	5747	1	128	1231	1222	244	0
S90723.H	24-OCT-89	20:44:49	5747	2	128	1231	1222	244	0
S90724.H	24-OCT-89	20:45:53	5747	3	128	1231	1222	244	0
S90725.H	24-OCT-89	20:47:24	5747	1	128	1237	1222	244	0
S90726.H	24-OCT-89	20:48:32	5747	2	128	1237	1222	244	0
S90727.H	24-OCT-89	20:51:52	5747	3	128	1237	1222	244	0
S90728.H	24-OCT-89	20:54:00	5747	1	128	1207	1222	244	0
S90729.H	24-OCT-89	20:55:06	5747	2	128	1207	1222	244	0
S90730.H	24-OCT-89	20:56:10	5747	3	128	1207	1222	244	0
S90731.H	24-OCT-89	20:57:56	0	3	128	1207	1222	244	0
S90732.H	24-OCT-89	20:59:11	0	3	128	1210	1222	244	0
S90733.H	24-OCT-89	21:00:31	0	3	128	1213	1222	244	0
S90734.H	24-OCT-89	21:02:08	0	3	128	1231	1222	244	0
S90735.H	24-OCT-89	21:03:20	0	3	128	1234	1222	244	0
S90736.H	24-OCT-89	21:04:39	0	3	128	1237	1222	244	0
S90737.H	24-OCT-89	21:08:58	5747	1	128	1231	1222	244	0
S90738.H	24-OCT-89	21:10:13	5747	2	128	1231	1222	244	0
S90739.H	24-OCT-89	21:11:27	5747	3	128	1231	1222	244	0
S90740.H	24-OCT-89	21:14:38	5747	1	128	1212	1222	244	0
S90741.H	24-OCT-89	21:15:54	5747	2	128	1212	1222	244	0
S90742.H	24-OCT-89	21:17:08	5747	3	128	1212	1222	244	0
S90743.H	25-OCT-89	14:38:56	5747	1	128	1229	1220	244	0
S90744.H	25-OCT-89	14:40:20	5747	2	128	1229	1220	244	0
S90745.H	25-OCT-89	14:41:40	5747	3	128	1229	1220	244	0
S90746.H	25-OCT-89	14:43:33	5747	1	128	1229	1220	244	0
S90747.H	25-OCT-89	14:44:48	5747	2	128	1229	1220	244	0
S90748.H	25-OCT-89	14:46:05	5747	3	128	1229	1220	244	0
S90749.H	25-OCT-89	14:47:33	5747	1	128	1229	1220	244	0
S90750.H	25-OCT-89	14:48:53	5747	2	128	1229	1220	245	0
S90751.H	25-OCT-89	14:50:13	5747	3	128	1229	1220	245	0
S90752.H	25-OCT-89	14:51:34	5747	1	128	1229	1220	245	0
S90753.H	25-OCT-89	14:52:50	5747	2	128	1229	1220	245	0
S90754.H	25-OCT-89	14:54:05	5747	3	128	1229	1220	245	0
S90755.H	25-OCT-89	14:56:00	5747	1	128	1211	1220	245	0
S90756.H	25-OCT-89	14:57:16	5747	2	128	1211	1220	245	0
S90757.H	25-OCT-89	14:58:31	5747	3	128	1211	1220	245	0
S90758.H	25-OCT-89	15:00:28	5747	1	128	1229	1220	245	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	ΔP	ENH	FP	CF	TAPE	C.T.
S90759.H	25-OCT-89	15:01:44	5747	2	128	1229	1220	245	0
S90760.H	25-OCT-89	15:03:00	5747	3	128	1229	1220	245	0
S90761.H	25-OCT-89	15:04:29	5747	1	128	1229	1220	245	0
S90762.H	25-OCT-89	15:05:47	5747	2	128	1229	1220	245	0
S90763.H	25-OCT-89	15:07:05	5747	3	128	1229	1220	245	0
S90764.H	25-OCT-89	15:09:11	5747	1	128	1220	1220	245	0
S90765.H	25-OCT-89	15:10:33	5747	2	128	1220	1220	245	0
S90766.H	25-OCT-89	15:11:52	5747	3	128	1220	1220	245	0
S90767.H	25-OCT-89	15:13:40	5747	1	128	1232	1220	245	0
S90768.H	25-OCT-89	15:14:55	5747	2	128	1232	1220	245	0
S90769.H	25-OCT-89	15:16:09	5747	3	128	1232	1220	245	0
S90770.H	25-OCT-89	15:18:07	0	3	128	1232	1220	245	0
S90771.H	25-OCT-89	15:19:30	0	3	128	1229	1220	245	0
S90772.H	25-OCT-89	15:20:59	0	3	128	1220	1220	245	0
S90773.H	25-OCT-89	15:22:30	0	3	128	1211	1220	245	0
S90774.H	25-OCT-89	15:23:39	0	3	128	1211	1220	245	0
S90775.H	25-OCT-89	15:58:10	5754	1	128	1231	1222	245	0
S90776.H	25-OCT-89	15:59:26	5754	2	128	1211	1222	245	0
S90777.H	25-OCT-89	16:00:43	5754	3	128	1211	1222	245	0
S90778.H	25-OCT-89	16:02:39	5754	1	128	1213	1222	245	0
S90779.H	25-OCT-89	16:03:58	5754	2	128	1213	1222	245	0
S90780.H	25-OCT-89	16:05:26	5754	3	128	1213	1222	245	0
S90781.H	25-OCT-89	16:07:29	5754	1	128	1222	1222	245	0
S90782.H	25-OCT-89	16:08:56	5754	2	128	1222	1222	245	0
S90783.H	25-OCT-89	16:10:52	5754	3	128	1222	1222	245	0
S90784.H	25-OCT-89	16:34:29	5754	1	64	1223	1222	245	0
S90785.H	25-OCT-89	16:35:46	5754	1	64	1223	1222	245	0
S90786.H	25-OCT-89	16:37:10	5754	1	64	1223	1222	245	0
S90787.H	25-OCT-89	16:38:34	5754	1	64	1223	1222	245	0
S90788.H	25-OCT-89	16:40:37	5754	1	64	1223	1222	245	0
S90789.H	25-OCT-89	16:41:58	5754	1	64	1223	1222	245	0
S90790.H	25-OCT-89	16:44:01	5754	1	64	1223	1222	245	0
S90791.H	25-OCT-89	16:45:24	5754	1	64	1223	1222	245	0
S90792.H	25-OCT-89	16:47:15	5754	1	64	1223	1222	245	0
S90793.H	25-OCT-89	16:48:38	5754	1	64	1223	1222	245	0
S90794.H	25-OCT-89	16:58:13	5754	1	64	1223	1222	245	0
S90795.H	25-OCT-89	16:59:38	5754	1	64	1223	1222	245	0
S90796.H	25-OCT-89	17:01:06	5754	1	64	1223	1222	245	0
S90797.H	25-OCT-89	17:02:27	5754	1	64	1223	1222	245	0
S90798.H	25-OCT-89	17:03:51	5754	1	64	1223	1222	245	0
S90799.H	25-OCT-89	17:22:33	5747	1	128	1229	1220	245	0
S90800.H	25-OCT-89	17:23:52	5747	2	128	1229	1220	246	0
S90801.H	25-OCT-89	17:25:41	5747	3	128	1229	1220	246	0
S90802.H	25-OCT-89	17:28:02	5747	1	128	1211	1220	246	0
S90803.H	25-OCT-89	17:29:17	5747	2	128	1211	1220	246	0
S90804.H	25-OCT-89	17:31:31	5747	3	128	1211	1220	246	0
S90805.H	25-OCT-89	17:33:29	5747	1	128	1229	1220	246	0
S90806.H	25-OCT-89	17:34:45	5747	2	128	1229	1220	246	0
S90807.H	25-OCT-89	17:36:03	5747	3	128	1229	1220	246	0
S90808.H	25-OCT-89	17:37:22	5747	1	128	1229	1220	246	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S90809.H	25-OCT-89	17:38:39	5747	2	128	1229	1220	246	0
S90810.H	25-OCT-89	17:39:55	5747	3	128	1229	1220	246	0
S90811.H	25-OCT-89	17:41:22	5747	1	128	1229	1220	246	0
S90812.H	25-OCT-89	17:42:35	5747	2	128	1229	1220	246	0
S90813.H	25-OCT-89	17:45:15	5747	3	128	1229	1220	246	0
S90814.H	25-OCT-89	17:47:18	5747	1	128	1220	1220	246	0
S90815.H	25-OCT-89	17:48:34	5747	2	128	1220	1220	246	0
S90816.H	25-OCT-89	17:49:55	5747	3	128	1220	1220	246	0
S90817.H	25-OCT-89	17:52:22	0	3	128	1220	1220	246	0
S90818.H	25-OCT-89	17:54:02	0	3	128	1211	1220	246	0
S90819.H	25-OCT-89	17:55:40	0	3	128	1229	1220	246	0
S90820.H	25-OCT-89	18:01:15	5747	1	128	1229	1220	246	0
S90821.H	25-OCT-89	18:04:16	5747	1	128	1229	1220	246	0
S90822.H	25-OCT-89	18:05:41	5747	2	128	1229	1220	246	0
S90823.H	25-OCT-89	18:07:43	5747	3	128	1229	1220	246	0
S90824.H	25-OCT-89	18:09:18	5747	1	128	1232	1220	246	0
S90825.H	25-OCT-89	18:10:45	5747	2	128	1232	1220	246	0
S90826.H	25-OCT-89	18:12:00	5747	3	128	1232	1220	246	0
S90827.H	25-OCT-89	18:14:08	5747	1	128	1229	1220	246	0
S90828.H	25-OCT-89	18:15:16	5747	2	128	1229	1220	246	0
S90829.H	25-OCT-89	18:16:23	5747	2	128	1229	1220	246	0
S90830.H	25-OCT-89	18:17:31	5747	1	128	1229	1220	246	0
S90831.H	25-OCT-89	18:18:38	5747	2	128	1229	1220	246	0
S90832.H	25-OCT-89	18:19:46	5747	3	128	1229	1220	246	0
S90833.H	25-OCT-89	18:20:54	5747	1	128	1229	1220	246	0
S90834.H	25-OCT-89	18:22:02	5747	2	128	1229	1220	246	0
S90850.H	25-OCT-89	18:40:03	5747	3	128	1229	1220	247	0
S90851.H	25-OCT-89	18:41:11	5747	1	128	1229	1220	247	0
S90852.H	25-OCT-89	18:42:18	5747	2	128	1229	1220	247	0
S90853.H	25-OCT-89	18:43:26	5747	3	128	1229	1220	247	0
S90854.H	25-OCT-89	18:44:34	5747	1	128	1229	1220	247	0
S90855.H	25-OCT-89	18:45:42	5747	2	128	1229	1220	247	0
S90856.H	25-OCT-89	18:46:50	5747	3	128	1229	1220	247	0
S90857.H	25-OCT-89	18:48:00	5747	1	128	1229	1220	247	0
S90858.H	25-OCT-89	18:49:10	5747	2	128	1229	1220	247	0
S90859.H	25-OCT-89	18:50:18	5747	3	128	1229	1220	247	0
S90860.H	25-OCT-89	18:55:46	5747	1	128	1211	1220	247	0
S90861.H	25-OCT-89	18:58:26	5747	2	128	1211	1220	247	0
S90862.H	25-OCT-89	18:59:47	5747	3	128	1211	1220	247	0
S90863.H	25-OCT-89	19:01:53	5747	1	128	1229	1220	247	0
S90864.H	25-OCT-89	19:03:01	5747	2	128	1229	1220	247	0
S90865.H	25-OCT-89	19:04:08	5747	3	128	1229	1220	247	0
S90866.H	25-OCT-89	19:05:16	5747	1	128	1229	1220	247	0
S90867.H	25-OCT-89	19:06:23	5747	2	128	1229	1220	247	0
S90868.H	25-OCT-89	19:07:31	5747	3	128	1229	1220	247	0
S90869.H	25-OCT-89	19:08:39	5747	1	128	1229	1220	247	0
S90870.H	25-OCT-89	19:09:46	5747	2	128	1229	1220	247	0
S90871.H	25-OCT-89	19:10:54	5747	3	128	1229	1220	247	0
S90872.H	25-OCT-89	19:12:02	5747	1	128	1229	1220	247	0
S90873.H	25-OCT-89	19:13:09	5747	2	128	1229	1220	247	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S90874.H	25-OCT-89	19:14:16	5747	3	128	1229	1220	247	0
S90875.H	25-OCT-89	19:15:24	5747	1	128	1229	1220	247	0
S90876.H	25-OCT-89	19:16:32	5747	2	128	1229	1220	247	0
S90877.H	25-OCT-89	19:17:40	5747	3	128	1229	1220	247	0
S90878.H	25-OCT-89	19:18:47	5747	1	128	1229	1220	247	0
S90879.H	25-OCT-89	19:19:55	5747	2	128	1229	1220	247	0
S90880.H	25-OCT-89	19:21:04	5747	3	128	1229	1220	247	0
S90881.H	25-OCT-89	19:22:11	5747	1	128	1229	1220	247	0
S90882.H	25-OCT-89	19:23:19	5747	2	128	1229	1220	247	0
S90883.H	25-OCT-89	19:24:27	5747	3	128	1229	1220	247	0
S90884.H	25-OCT-89	19:25:35	5747	1	128	1229	1220	247	0
S90885.H	25-OCT-89	19:26:42	5747	2	128	1229	1220	247	0
S90886.H	25-OCT-89	19:27:50	5747	3	128	1229	1220	247	0
S90887.H	25-OCT-89	19:28:57	5747	1	128	1229	1220	247	0
S90888.H	25-OCT-89	19:30:05	5747	2	128	1229	1220	247	0
S90889.H	25-OCT-89	19:31:12	5747	3	128	1229	1220	247	0
S90890.H	25-OCT-89	19:32:22	5747	1	128	1229	1220	247	0
S90891.H	25-OCT-89	19:33:29	5747	2	128	1229	1220	247	0
S90892.H	25-OCT-89	19:34:37	5747	3	128	1229	1220	247	0
S90893.H	25-OCT-89	19:35:45	5747	1	128	1229	1220	247	0
S90894.H	25-OCT-89	19:36:52	5747	2	128	1229	1220	247	0
S90895.H	25-OCT-89	19:38:00	5747	3	128	1229	1220	247	0
S90896.H	25-OCT-89	19:39:08	5747	1	128	1229	1220	247	0
S90897.H	25-OCT-89	19:40:15	5747	2	128	1229	1220	247	0
S90898.H	25-OCT-89	19:41:22	5747	3	128	1229	1220	247	0
S90899.H	25-OCT-89	19:42:31	5747	1	128	1229	1220	247	0
S90900.H	25-OCT-89	19:43:38	5747	2	128	1229	1220	248	0
S90901.H	25-OCT-89	19:44:45	5747	3	128	1229	1220	248	0
S90902.H	25-OCT-89	19:45:53	5747	1	128	1229	1220	248	0
S90903.H	25-OCT-89	19:47:00	5747	2	128	1229	1220	248	0
S90904.H	25-OCT-89	19:48:08	5747	3	128	1229	1220	248	0
S90905.H	25-OCT-89	19:49:16	5747	1	128	1229	1220	248	0
S90906.H	25-OCT-89	19:50:25	5747	2	128	1229	1220	248	0
S90907.H	25-OCT-89	19:51:33	5747	3	128	1229	1220	248	0
S90908.H	25-OCT-89	19:52:41	5747	1	128	1229	1220	248	0
S90909.H	25-OCT-89	19:53:50	5747	2	128	1229	1220	248	0
S90910.H	25-OCT-89	19:54:58	5747	3	128	1229	1220	248	0
S90911.H	25-OCT-89	20:14:07	5747	1	128	1211	1220	248	0
S90912.H	25-OCT-89	20:15:22	5747	2	128	1211	1220	248	0
S90913.H	25-OCT-89	20:16:39	5747	3	128	1211	1220	248	0
S90914.H	25-OCT-89	20:18:14	5747	1	128	1220	1220	248	0
S90915.H	25-OCT-89	20:19:32	5747	2	128	1220	1220	248	0
S90916.H	25-OCT-89	20:20:56	5747	3	128	1220	1220	248	0
S90917.H	25-OCT-89	20:23:15	5747	1	128	1232	1220	248	0
S90918.H	25-OCT-89	20:24:58	5747	2	128	1232	1220	248	0
S90919.H	25-OCT-89	20:26:16	5747	3	128	1232	1220	248	0
S90920.H	25-OCT-89	20:28:51	5747	1	128	1235	1220	248	0
S90921.H	25-OCT-89	20:30:47	5747	2	128	1235	1220	248	0
S90922.H	25-OCT-89	20:33:35	5747	3	128	1235	1220	248	0
S90923.H	25-OCT-89	20:42:21	5747	1	128	1235	1220	248	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	AP	ENH	FP	CF	TAPE	C.T.
S90924.H	25-OCT-89	20:43:44	5747	2	128	1235	1220	248	0
S90925.H	25-OCT-89	20:45:11	5747	3	128	1235	1220	248	0
S90926.H	25-OCT-89	20:50:26	5747	1	128	1235	1220	248	0
S90927.H	25-OCT-89	20:51:47	5747	2	128	1235	1220	248	0
S90928.H	25-OCT-89	20:53:07	5747	3	128	1235	1220	248	0
S90929.H	26-OCT-89	13:46:02	5747	1	1	1229	1220	248	0
S90930.H	26-OCT-89	13:46:35	5747	2	1	1229	1220	248	0
S90931.H	26-OCT-89	13:47:08	5747	3	1	1229	1220	248	0
S90932.H	26-OCT-89	13:47:37	5747	1	1	1229	1220	248	0
S90933.H	26-OCT-89	13:48:01	5747	2	1	1229	1220	248	0
S90934.H	26-OCT-89	13:48:26	5747	3	1	1229	1220	248	0
S90935.H	26-OCT-89	13:52:53	5747	3	128	1229	1220	248	0
S90936.H	26-OCT-89	13:54:00	5747	3	128	1229	1220	248	0
S90937.H	26-OCT-89	14:09:34	5754	1	128	1231	1222	248	0
S90938.H	26-OCT-89	14:10:55	5754	2	128	1231	1222	248	0
S90939.H	26-OCT-89	14:12:17	5754	3	128	1231	1222	248	0
S90940.H	26-OCT-89	14:14:17	5754	1	128	1213	1222	248	0
S90941.H	26-OCT-89	14:15:32	5754	2	128	1213	1222	248	0
S90942.H	26-OCT-89	14:16:48	5754	3	128	1213	1222	248	0
S90943.H	26-OCT-89	14:18:27	5754	1	128	1222	1222	248	0
S90944.H	26-OCT-89	14:19:43	5754	2	128	1222	1222	248	0
S90945.H	26-OCT-89	14:20:59	5754	3	128	1222	1222	248	0
S90946.H	26-OCT-89	14:22:52	5754	1	128	1234	1222	248	0
S90947.H	26-OCT-89	14:24:09	5754	2	128	1234	1222	248	0
S90948.H	26-OCT-89	14:25:24	5754	3	128	1234	1222	248	0
S90949.H	26-OCT-89	14:32:02	5760	1	128	1230	1221	248	0
S90950.H	26-OCT-89	14:33:19	5760	2	128	1230	1221	249	0
S90951.H	26-OCT-89	14:34:37	5760	3	128	1230	1221	249	0
S90952.H	26-OCT-89	14:36:46	5760	1	128	1212	1221	249	0
S90953.H	26-OCT-89	14:38:04	5760	2	128	1212	1221	249	0
S90954.H	26-OCT-89	14:39:21	5760	3	128	1212	1221	249	0
S90955.H	26-OCT-89	14:41:05	5760	1	128	1221	1221	249	0
S90956.H	26-OCT-89	14:42:21	5760	2	128	1221	1221	249	0
S90957.H	26-OCT-89	14:43:38	5760	3	128	1221	1221	249	0
S90958.H	26-OCT-89	14:47:34	0	3	128	1213	1222	249	0
S90959.H	26-OCT-89	14:48:59	0	3	128	1222	1222	249	0
S90960.H	26-OCT-89	14:50:19	0	3	128	1231	1222	249	0
S90961.H	26-OCT-89	14:54:24	5754	1	1	1231	1222	249	0
S90962.H	26-OCT-89	15:35:47	0	1	128	1231	1222	249	0
S90963.H	26-OCT-89	15:37:03	0	2	128	1231	1222	249	0
S90964.H	26-OCT-89	15:38:24	0	3	128	1231	1222	249	0
S90965.H	26-OCT-89	15:45:38	0	1	128	1231	1222	249	0
S90966.H	26-OCT-89	15:46:56	0	2	128	1231	1222	249	0
S90967.H	26-OCT-89	15:48:13	0	3	128	1231	1222	249	0
S90968.H	27-OCT-89	14:03:39	5754	1	128	1230	1222	249	0
S90969.H	27-OCT-89	14:05:07	5754	2	128	1230	1222	249	0
S90970.H	27-OCT-89	14:06:42	5754	3	128	1230	1222	249	0
S90971.H	27-OCT-89	14:08:36	5754	1	128	1213	1222	249	0
S90972.H	27-OCT-89	14:10:03	5754	2	128	1211	1222	249	0
S90973.H	27-OCT-89	14:11:19	5754	3	128	1211	1222	249	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	ΔP	ENH	FP	CF	TAPE	C.T.
S90974.H	27-OCT-89	14:12:55	5754	1	128	1222	1222	249	0
S90975.H	27-OCT-89	14:22:34	5754	1	128	1222	1222	249	0
S90976.H	27-OCT-89	14:23:59	5754	2	128	1222	1222	249	0
S90977.H	27-OCT-89	14:25:12	5754	3	128	1222	1222	249	0
S90978.H	27-OCT-89	14:33:38	5760	1	128	1230	1221	249	0
S90979.H	27-OCT-89	14:34:52	5760	2	128	1230	1221	249	0
S90980.H	27-OCT-89	14:36:06	5760	3	128	1230	1221	249	0
S90981.H	27-OCT-89	14:38:05	5760	1	128	1211	1221	249	0
S90982.H	27-OCT-89	14:39:20	5760	2	128	1211	1221	249	0
S90983.H	27-OCT-89	14:40:33	5760	3	128	1211	1221	249	0
S90984.H	27-OCT-89	14:42:16	5760	1	128	1221	1221	249	0
S90985.H	27-OCT-89	14:43:34	5760	2	128	1221	1221	249	0
S90986.H	27-OCT-89	14:44:49	5760	3	128	1221	1221	249	0
S90987.H	27-OCT-89	14:53:13	0	3	128	1213	1222	249	0
S90988.H	27-OCT-89	14:54:55	0	3	128	1222	1222	249	0
S90989.H	27-OCT-89	15:00:03	0	3	128	1231	1222	249	0
S90990.H	27-OCT-89	15:15:23	5766	1	128	1233	1224	249	0
S90991.H	27-OCT-89	15:16:40	5766	2	128	1233	1224	249	0
S90992.H	27-OCT-89	15:17:57	5766	3	128	1233	1224	249	0
S90993.H	27-OCT-89	15:20:08	5766	1	128	1215	1224	249	0
S90994.H	27-OCT-89	15:21:26	5766	2	128	1215	1224	249	0
S90995.H	27-OCT-89	15:22:44	5766	3	128	1215	1224	249	0
S90996.H	27-OCT-89	15:24:33	5766	1	128	1224	1224	249	0
S90997.H	27-OCT-89	15:25:39	5766	2	128	1224	1224	249	0
S90998.H	27-OCT-89	15:26:45	5766	3	128	1224	1224	249	0
S90999.H	27-OCT-89	21:30:46	5760	1	128	1221	1221	249	0
S91000.H	27-OCT-89	21:32:09	5760	2	128	1221	1221	250	0
S91001.H	27-OCT-89	21:33:33	5760	3	128	1221	1221	250	0
S91002.H	27-OCT-89	21:37:06	5760	1	128	1230	1221	250	0
S91003.H	27-OCT-89	21:20:00	5760	2	128	1230	1221	250	0
S91004.H	27-OCT-89	21:39:52	5760	3	128	1230	1221	250	0
S91005.H	27-OCT-89	21:41:22	5760	1	128	1233	1221	250	0
S91006.H	27-OCT-89	21:42:41	5760	2	128	1233	1221	250	0
S91007.H	27-OCT-89	21:43:57	5760	3	128	1233	1221	250	0
S91008.H	27-OCT-89	21:46:39	5760	1	128	1212	1221	250	0
S91009.H	27-OCT-89	21:48:08	5760	2	128	1212	1221	250	0
S91010.H	27-OCT-89	21:50:02	5760	3	128	1212	1221	250	0
S91011.H	27-OCT-89	21:57:58	5754	1	128	1230	1221	250	0
S91012.H	27-OCT-89	21:59:21	5754	2	128	1230	1221	250	0
S91013.H	27-OCT-89	22:01:43	5754	3	128	1230	1221	250	0
S91014.H	27-OCT-89	22:05:01	5754	1	128	1212	1221	250	0
S91015.H	27-OCT-89	22:06:33	5754	2	128	1212	1221	250	0
S91016.H	28-OCT-89	15:11:53	5760	1	128	1229	1220	250	0
S91017.H	28-OCT-89	15:13:38	5760	2	128	1229	1220	250	0
S91018.H	28-OCT-89	15:15:02	5760	3	128	1229	1220	250	0
S91019.H	28-OCT-89	15:16:59	5760	1	128	1211	1220	250	0
S91020.H	28-OCT-89	15:18:22	5760	2	128	1211	1220	250	0
S91021.H	28-OCT-89	15:19:42	5760	3	128	1211	1220	250	0
S91022.H	28-OCT-89	15:21:35	5760	1	128	1220	1220	250	0
S91023.H	28-OCT-89	15:22:58	5760	2	128	1220	1220	250	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	AP	ENH	FP	CF	TAPE	C.T.
S91024.H	28-OCT-89	15:24:46	5760	3	128	1220	1220	250	0
S91025.H	28-OCT-89	15:28:23	5760	1	128	1229	1220	250	0
S91026.H	28-OCT-89	15:29:49	5760	2	128	1229	1220	250	0
S91027.H	28-OCT-89	15:31:14	5760	3	128	1229	1220	250	0
S91028.H	28-OCT-89	15:37:10	5760	1	128	1232	1220	250	0
S91029.H	28-OCT-89	15:38:36	5760	2	128	1232	1220	250	0
S91030.H	28-OCT-89	15:45:01	5760	3	128	1232	1220	250	0
S91031.H	28-OCT-89	16:00:24	5763	1	128	1232	1223	250	0
S91032.H	28-OCT-89	16:02:09	5763	2	128	1232	1223	250	0
S91033.H	28-OCT-89	16:03:38	5763	3	128	1232	1223	250	0
S91034.H	28-OCT-89	16:05:52	5763	1	128	1210	1223	250	0
S91035.H	28-OCT-89	16:07:32	5763	2	128	1210	1223	250	0
S91036.H	28-OCT-89	16:08:56	5763	3	128	1214	1223	250	0
S91037.H	28-OCT-89	16:10:53	5763	1	128	1223	1223	250	0
S91038.H	28-OCT-89	16:12:19	5763	2	128	1223	1223	250	0
S91039.H	28-OCT-89	16:14:41	5763	3	128	1223	1223	250	0
S91040.H	28-OCT-89	16:24:17	5763	1	128	1235	1223	250	0
S91041.H	28-OCT-89	16:25:46	5763	2	128	1235	1223	250	0
S91042.H	28-OCT-89	16:27:08	5763	3	128	1235	1223	250	0
S91043.H	28-OCT-89	16:40:07	5754	1	128	1231	1222	250	0
S91044.H	28-OCT-89	16:42:20	5754	2	128	1231	1222	250	0
S91045.H	28-OCT-89	16:43:38	5754	3	128	1231	1222	250	0
S91046.H	28-OCT-89	16:46:27	5754	1	128	1213	1222	250	0
S91047.H	28-OCT-89	16:47:49	5754	2	128	1213	1222	250	0
S91048.H	28-OCT-89	16:49:07	5754	3	128	1213	1222	250	0
S91049.H	28-OCT-89	16:51:13	5754	1	128	1222	1222	250	0
S91050.H	28-OCT-89	16:53:58	5754	2	128	1220	1222	251	0
S91051.H	28-OCT-89	16:55:20	5754	3	128	1220	1222	251	0
S91052.H	28-OCT-89	16:57:49	5754	1	128	1234	1222	251	0
S91053.H	28-OCT-89	16:58:58	5754	2	128	1234	1222	251	0
S91054.H	28-OCT-89	17:00:15	5754	3	128	1234	1222	251	0
S91055.H	28-OCT-89	17:03:33	5754	1	1	1231	1222	251	0
S91056.H	28-OCT-89	17:06:28	5763	1	1	1232	1222	251	0
S91057.H	28-OCT-89	17:10:48	5760	1	1	1229	1222	251	0
S91058.H	28-OCT-89	17:18:49	0	3	128	1229	1222	251	0
S91059.H	28-OCT-89	17:20:55	0	3	128	1232	1222	251	0
S91060.H	28-OCT-89	17:22:29	0	3	128	1235	1222	251	0
S91061.H	28-OCT-89	17:24:24	0	3	128	1211	1222	251	0
S91062.H	28-OCT-89	17:25:52	0	3	128	1214	1222	251	0
S91063.H	28-OCT-89	17:27:21	0	3	128	1220	1222	251	0
S91064.H	28-OCT-89	17:28:47	0	3	128	1223	1222	251	0
S91065.H	28-OCT-89	17:54:29	0	1	128	1231	1222	251	0
S91066.H	28-OCT-89	17:55:54	0	2	128	1231	1222	251	0
S91067.H	28-OCT-89	17:57:19	0	3	128	1231	1222	251	0
S91068.H	28-OCT-89	18:02:04	0	1	128	1231	1222	251	0
S91069.H	28-OCT-89	18:03:41	0	2	128	1231	1222	251	0
S91070.H	28-OCT-89	18:06:25	0	3	128	1231	1222	251	0
S91071.H	28-OCT-89	18:40:57	5763	1	128	1223	1223	251	0
S91072.H	28-OCT-89	18:42:19	5763	2	128	1223	1223	251	0
S91073.H	28-OCT-89	18:44:47	5763	3	128	1223	1223	251	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S91074.H	28-OCT-89	18:47:59	5763	1	128	1232	1223	251	0
S91075.H	28-OCT-89	18:49:24	5763	2	128	1232	1223	251	0
S91076.H	28-OCT-89	18:50:47	5763	3	128	1232	1223	251	0
S91077.H	28-OCT-89	18:52:58	5763	1	128	1214	1223	251	0
S91078.H	28-OCT-89	18:54:37	5763	2	128	1214	1223	251	0
S91079.H	28-OCT-89	18:56:01	5763	3	128	1214	1223	251	0
S91080.H	28-OCT-89	18:58:48	5763	1	128	1232	1223	251	0
S91081.H	28-OCT-89	19:00:58	5763	2	128	1232	1223	251	0
S91082.H	28-OCT-89	19:02:41	5763	3	128	1232	1223	251	0
S91083.H	28-OCT-89	19:05:02	5763	1	128	1232	1223	251	0
S91084.H	28-OCT-89	19:06:33	5763	2	128	1232	1223	251	0
S91085.H	28-OCT-89	19:08:02	5763	3	128	1232	1223	251	0
S91086.H	28-OCT-89	19:10:32	5763	1	128	1214	1223	251	0
S91087.H	28-OCT-89	19:12:02	5763	2	128	1214	1223	251	0
S91088.H	28-OCT-89	19:13:30	5763	3	128	1214	1223	251	0
S91089.H	28-OCT-89	19:15:14	5763	1	128	1223	1223	251	0
S91090.H	28-OCT-89	19:16:39	5763	2	128	1223	1223	251	0
S91091.H	28-OCT-89	19:18:51	5763	3	128	1223	1223	251	0
S91092.H	28-OCT-89	19:21:08	5763	1	128	1235	1223	251	0
S91093.H	28-OCT-89	19:22:32	5763	2	128	1235	1223	251	0
S91094.H	28-OCT-89	19:23:55	5763	3	128	1235	1223	251	0
S91095.H	28-OCT-89	19:25:24	5763	1	128	1235	1223	251	0
S91096.H	28-OCT-89	19:30:20	5763	2	128	1235	1223	251	0
S91097.H	28-OCT-89	19:31:39	5763	3	128	1235	1223	251	0
S91098.H	28-OCT-89	19:33:59	5754	1	128	1232	1222	251	0
S91099.H	28-OCT-89	19:35:27	5754	2	128	1232	1222	251	0
S91100.H	28-OCT-89	19:37:39	5754	3	128	1232	1222	252	0
S91101.H	29-OCT-89	14:13:08	5763	1	128	1231	1223	252	0
S91102.H	29-OCT-89	14:14:26	5763	2	128	1231	1223	252	0
S91103.H	29-OCT-89	14:15:42	5763	3	128	1231	1223	252	0
S91104.H	29-OCT-89	14:17:43	5763	1	128	1214	1223	252	0
S91105.H	29-OCT-89	14:19:01	5763	2	128	1214	1223	252	0
S91106.H	29-OCT-89	14:20:17	5763	3	128	1210	1223	252	0
S91107.H	29-OCT-89	14:21:59	5763	1	128	1223	1223	252	0
S91108.H	29-OCT-89	14:23:15	5763	2	128	1223	1223	252	0
S91109.H	29-OCT-89	14:24:31	5763	3	128	1223	1223	252	0
S91110.H	29-OCT-89	14:35:37	5754	1	128	1231	1222	252	0
S91111.H	29-OCT-89	14:46:59	5754	1	128	1231	1222	252	0
S91112.H	29-OCT-89	14:48:23	5754	2	128	1231	1222	252	0
S91113.H	29-OCT-89	14:49:39	5754	3	128	1231	1222	252	0
S91114.H	29-OCT-89	14:51:36	5754	1	128	1213	1222	252	0
S91115.H	29-OCT-89	14:52:53	5754	2	128	1213	1222	252	0
S91116.H	29-OCT-89	14:54:10	5754	3	128	1213	1222	252	0
S91117.H	29-OCT-89	14:55:48	5754	1	128	1222	1222	252	0
S91118.H	29-OCT-89	14:57:05	5754	2	128	1222	1222	252	0
S91119.H	29-OCT-89	14:58:21	5754	3	128	1222	1222	252	0
S91120.H	29-OCT-89	15:07:56	5764	1	128	1235	1226	252	0
S91121.H	29-OCT-89	15:09:17	5764	2	128	1235	1226	252	0
S91122.H	29-OCT-89	15:10:33	5764	3	128	1235	1226	252	0
S91123.H	29-OCT-89	15:15:02	5764	1	128	1217	1226	252	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S91124.H	29-OCT-89	15:16:22	5764	2	128	1217	1226	252	0
S91125.H	29-OCT-89	15:17:38	5764	3	128	1217	1226	252	0
S91126.H	29-OCT-89	15:19:25	5764	1	128	1226	1226	252	0
S91127.H	29-OCT-89	15:20:42	5764	2	128	1226	1226	252	0
S91128.H	29-OCT-89	15:21:58	5764	3	128	1226	1226	252	0
S91129.H	29-OCT-89	15:29:00	5760	1	128	1229	1220	252	0
S91130.H	29-OCT-89	15:30:23	5760	2	128	1229	1220	252	0
S91131.H	29-OCT-89	15:31:41	5760	3	128	1229	1220	252	0
S91132.H	29-OCT-89	15:33:56	5760	1	128	1211	1220	252	0
S91133.H	29-OCT-89	15:35:18	5760	2	128	1211	1220	252	0
S91134.H	29-OCT-89	15:36:45	5760	3	128	1211	1220	252	0
S91135.H	29-OCT-89	15:38:25	5760	1	128	1220	1220	252	0
S91136.H	29-OCT-89	15:39:48	5760	2	128	1220	1220	252	0
S91137.H	29-OCT-89	15:41:07	5760	3	128	1220	1220	252	0
S91138.H	29-OCT-89	15:43:17	0	3	128	1220	1220	252	0
S91139.H	29-OCT-89	15:44:46	0	3	128	1211	1220	252	0
S91140.H	29-OCT-89	15:46:16	0	3	128	1229	1220	252	0
S91141.H	29-OCT-89	15:48:00	0	3	128	1232	1223	252	0
S91142.H	29-OCT-89	15:49:33	0	3	128	1223	1223	252	0
S91143.H	29-OCT-89	15:51:06	0	3	128	1214	1223	252	0
S91144.H	29-OCT-89	15:52:13	0	3	128	1214	1223	252	0
S91145.H	29-OCT-89	15:59:15	0	1	128	1232	1223	252	0
S91146.H	29-OCT-89	16:00:39	0	2	128	1232	1223	252	0
S91147.H	29-OCT-89	16:02:06	0	3	128	1232	1223	252	0
S91148.H	29-OCT-89	16:14:40	0	1	128	1232	1223	252	0
S91149.H	29-OCT-89	16:16:02	0	2	128	1232	1223	252	0
S91150.H	29-OCT-89	16:17:21	0	3	128	1232	1223	253	0
S91151.H	29-OCT-89	16:21:44	5763	1	128	1232	1223	253	0
S91152.H	29-OCT-89	16:23:05	5763	2	128	1232	1223	253	0
S91153.H	29-OCT-89	16:24:57	5763	3	128	1232	1223	253	0
S91154.H	29-OCT-89	16:27:25	5763	1	128	1235	1223	253	0
S91155.H	29-OCT-89	16:28:54	5763	2	128	1235	1223	253	0
S91156.H	29-OCT-89	16:30:14	5763	3	128	1235	1223	253	0
S91157.H	29-OCT-89	16:32:47	5763	1	128	1211	1223	253	0
S91158.H	29-OCT-89	16:34:04	5763	2	128	1211	1223	253	0
S91159.H	29-OCT-89	16:35:21	5763	3	128	1211	1223	253	0
S91160.H	29-OCT-89	16:36:59	5763	1	128	1211	1223	253	0
S91161.H	29-OCT-89	16:38:09	5763	2	128	1211	1223	253	0
S91162.H	29-OCT-89	16:39:17	5763	3	128	1211	1223	253	0
S91163.H	29-OCT-89	16:41:17	5763	1	128	1235	1223	253	0
S91164.H	29-OCT-89	16:42:26	5763	2	128	1235	1223	253	0
S91165.H	29-OCT-89	16:43:34	5763	3	128	1235	1223	253	0
S91166.H	29-OCT-89	16:55:40	5763	1	128	1231	1223	253	0
S91167.H	29-OCT-89	16:56:56	5763	2	128	1231	1223	253	0
S91168.H	29-OCT-89	16:58:18	5763	3	128	1231	1223	253	0
S91169.H	29-OCT-89	17:00:33	5763	1	128	1213	1223	253	0
S91170.H	29-OCT-89	17:01:55	5763	2	128	1213	1223	253	0
S91171.H	29-OCT-89	17:03:14	5763	3	128	1213	1223	253	0
S91172.H	29-OCT-89	17:04:56	5763	1	128	1223	1223	253	0
S91173.H	29-OCT-89	17:06:17	5763	2	128	1223	1223	253	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λP	ENH	FP	CF	TAPE	C.T.
S91174.H	29-OCT-89	17:07:35	5763	3	128	1223	1223	253	0
S91175.H	30-OCT-89	14:30:39	5763	1	128	1231	1222	253	0
S91176.H	30-OCT-89	14:32:02	5763	2	128	1231	1222	253	0
S91177.H	30-OCT-89	14:33:19	5763	3	128	1231	1222	253	0
S91178.H	30-OCT-89	14:43:07	5763	1	128	1213	1222	253	0
S91179.H	30-OCT-89	15:12:51	5763	2	128	1213	1222	253	0
S91180.H	30-OCT-89	15:14:13	5763	3	128	1213	1222	253	0
S91181.H	30-OCT-89	15:15:45	5763	2	128	1222	1222	253	0
S91182.H	30-OCT-89	15:17:03	5763	3	128	1222	1222	253	0
S91183.H	30-OCT-89	15:26:48	5769	1	128	1234	1225	253	0
S91184.H	30-OCT-89	15:28:08	5769	2	128	1234	1225	253	0
S91185.H	30-OCT-89	15:29:34	5769	3	128	1234	1225	253	0
S91186.H	30-OCT-89	15:31:28	5769	1	128	1216	1225	253	0
S91187.H	30-OCT-89	15:32:50	5769	2	128	1216	1225	253	0
S91188.H	30-OCT-89	15:34:16	5769	3	128	1216	1225	253	0
S91189.H	30-OCT-89	15:37:04	5769	1	128	1225	1225	253	0
S91190.H	30-OCT-89	15:38:44	5769	2	128	1225	1225	253	0
S91191.H	30-OCT-89	15:41:36	5769	3	128	1225	1225	253	0
S91192.H	30-OCT-89	15:49:20	5763	1	128	1231	1222	253	0
S91193.H	30-OCT-89	15:50:40	5763	2	128	1231	1222	253	0
S91194.H	30-OCT-89	15:51:58	5763	3	128	1231	1222	253	0
S91195.H	30-OCT-89	15:54:11	5763	1	128	1213	1222	253	0
S91196.H	30-OCT-89	15:55:30	5763	2	128	1213	1222	253	0
S91197.H	30-OCT-89	15:56:59	5763	3	128	1213	1222	253	0
S91198.H	30-OCT-89	15:58:53	5763	1	128	1222	1222	253	0
S91199.H	30-OCT-89	16:00:15	5763	2	128	1222	1222	253	0
S91200.H	30-OCT-89	16:01:33	5763	3	128	1222	1222	254	0
S91201.H	30-OCT-89	16:05:24	5763	1	128	1210	1222	254	0
S91202.H	30-OCT-89	16:06:45	5763	2	128	1210	1222	254	0
S91203.H	30-OCT-89	16:08:04	5763	3	128	1210	1222	254	0
S91204.H	30-OCT-89	16:10:23	5763	1	128	1234	1222	254	0
S91205.H	30-OCT-89	16:11:51	5763	2	128	1234	1222	254	0
S91206.H	30-OCT-89	16:13:15	5763	3	128	1234	1222	254	0
S91207.H	30-OCT-89	16:16:25	0	3	128	1234	1222	254	0
S91208.H	30-OCT-89	16:18:08	0	3	128	1231	1222	254	0
S91209.H	30-OCT-89	16:19:42	0	3	128	1222	1222	254	0
S91210.H	30-OCT-89	16:21:39	0	3	128	1213	1222	254	0
S91211.H	30-OCT-89	16:23:10	0	3	128	1210	1222	254	0
S91212.H	30-OCT-89	16:25:03	0	3	128	1215	1222	254	0
S91213.H	30-OCT-89	16:26:23	0	3	128	1225	1222	254	0
S91214.H	30-OCT-89	16:27:50	0	3	128	1234	1222	254	0
S91215.H	30-OCT-89	16:30:04	0	3	128	1234	1222	254	0
S91216.H	30-OCT-89	16:35:07	0	1	128	1231	1222	254	0
S91217.H	30-OCT-89	16:36:36	0	2	128	1231	1222	254	0
S91218.H	30-OCT-89	16:38:15	0	3	128	1231	1222	254	0
S91219.H	30-OCT-89	16:41:51	0	1	128	1231	1222	254	0
S91220.H	30-OCT-89	16:43:11	0	2	128	1231	1222	254	0
S91221.H	30-OCT-89	16:44:34	0	3	128	1231	1222	254	0
S91222.H	30-OCT-89	16:48:43	0	1	128	1231	1222	254	0
S91223.H	30-OCT-89	16:50:06	0	2	128	1231	1222	254	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S91224.H	30-OCT-89	16:51:29	0	3	128	1231	1222	254	0
S91225.H	30-OCT-89	16:55:10	5769	1	128	1234	1225	254	0
S91226.H	30-OCT-89	16:56:20	5769	2	128	1234	1225	254	0
S91227.H	30-OCT-89	16:57:31	5769	3	128	1234	1225	254	0
S91228.H	30-OCT-89	16:59:22	5769	1	128	1216	1225	254	0
S91229.H	30-OCT-89	17:00:30	5769	2	128	1216	1225	254	0
S91230.H	30-OCT-89	17:01:38	5769	3	128	1216	1225	255	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S91231.H	02-NOV-89	21:27:31	5769	1	128	1231	1222	255	0
S91232.H	02-NOV-89	21:28:55	5769	2	128	1231	1222	255	0
S91233.H	02-NOV-89	21:30:16	5769	3	128	1231	1222	255	0
S91234.H	02-NOV-89	21:32:11	5769	1	128	1213	1222	255	0
S91235.H	02-NOV-89	21:34:31	5769	2	128	1213	1222	255	0
S91236.H	02-NOV-89	21:35:51	5769	3	128	1213	1222	255	0
S91237.H	02-NOV-89	21:37:20	5769	1	128	1213	1222	255	0
S91238.H	02-NOV-89	21:38:42	5769	2	128	1213	1222	255	0
S91239.H	02-NOV-89	21:40:03	5769	3	128	1213	1222	255	0
S91240.H	02-NOV-89	21:41:49	5769	1	128	1231	1222	255	0
S91241.H	02-NOV-89	21:44:26	5769	2	128	1231	1222	255	0
S91242.H	02-NOV-89	21:46:03	5769	3	128	1231	1222	255	0
S91243.H	02-NOV-89	21:48:47	5769	1	128	1222	1222	255	0
S91244.H	02-NOV-89	21:50:07	5769	2	128	1222	1222	255	0
S91245.H	02-NOV-89	21:51:27	5769	3	128	1222	1222	255	0
S91246.H	02-NOV-89	21:53:14	5769	1	128	1234	1222	255	0
S91247.H	02-NOV-89	21:54:51	5769	2	128	1234	1222	255	0
S91248.H	02-NOV-89	21:56:21	5769	3	128	1234	1222	255	0
S91249.H	02-NOV-89	22:02:37	0	3	128	1234	1222	255	0
S91250.H	02-NOV-89	22:04:17	0	3	128	1213	1222	255	0
S91251.H	02-NOV-89	22:07:16	0	3	128	1222	1222	255	0
S91252.H	03-NOV-89	14:44:27	5776	1	128	1235	1226	255	0
S91253.H	03-NOV-89	14:45:45	5776	2	128	1235	1226	255	0
S91254.H	03-NOV-89	14:47:19	5776	3	128	1235	1226	255	0
S91255.H	03-NOV-89	14:50:19	5776	1	128	1217	1226	255	0
S91256.H	03-NOV-89	14:51:45	5776	2	128	1217	1226	255	0
S91257.H	03-NOV-89	14:53:17	5776	3	128	1217	1226	255	0
S91258.H	03-NOV-89	14:55:00	5776	1	128	1217	1226	255	0
S91259.H	03-NOV-89	14:56:21	5776	2	128	1217	1226	255	0
S91260.H	03-NOV-89	14:57:40	5776	3	128	1217	1226	255	0
S91261.H	03-NOV-89	14:59:23	5776	1	128	1226	1226	255	0
S91262.H	03-NOV-89	15:00:42	5776	2	128	1226	1226	255	0
S91263.H	03-NOV-89	15:02:06	5776	3	128	1226	1226	255	0
S91264.H	03-NOV-89	15:03:46	5776	1	128	1235	1226	255	0
S91265.H	03-NOV-89	15:04:56	5776	2	128	1235	1226	255	0
S91266.H	03-NOV-89	15:06:07	5776	3	128	1235	1226	255	0
S91267.H	03-NOV-89	15:17:24	5776	1	128	1235	1226	255	0
S91268.H	03-NOV-89	15:18:45	5776	2	128	1235	1226	255	0
S91269.H	03-NOV-89	15:20:28	5776	3	128	1235	1226	255	0
S91270.H	03-NOV-89	15:22:38	5776	1	128	1217	1226	255	0
S91271.H	03-NOV-89	15:23:57	5776	2	128	1217	1226	255	0
S91272.H	03-NOV-89	15:25:17	5776	3	128	1217	1226	255	0
S91273.H	03-NOV-89	15:34:04	5769	1	128	1232	1223	255	0
S91274.H	03-NOV-89	15:35:24	5769	2	128	1232	1223	255	0
S91275.H	03-NOV-89	15:36:49	5769	3	128	1232	1223	255	0
S91276.H	03-NOV-89	15:38:51	5769	1	128	1214	1223	255	0
S91277.H	03-NOV-89	15:40:11	5769	2	128	1214	1223	255	0
S91278.H	03-NOV-89	15:41:30	5769	3	128	1214	1223	255	0
S91279.H	03-NOV-89	15:43:43	5769	1	128	1223	1223	255	0
S91280.H	03-NOV-89	15:45:02	5769	2	128	1223	1223	255	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S91281.H	03-NOV-89	15:46:20	5769	3	128	1223	1223	255	0
S91282.H	03-NOV-89	16:06:04	5769	1	128	1232	1223	255	0
S91283.H	03-NOV-89	16:07:23	5769	2	128	1232	1223	255	0
S91284.H	03-NOV-89	16:08:49	5769	3	128	1232	1223	255	0
S91285.H	03-NOV-89	16:11:12	5769	1	128	1214	1223	255	0
S91286.H	03-NOV-89	16:12:33	5769	2	128	1214	1223	255	0
S91287.H	03-NOV-89	16:14:22	5769	3	128	1214	1223	255	0
S91288.H	03-NOV-89	16:22:09	5776	1	128	1235	1226	255	0
S91289.H	03-NOV-89	16:23:51	5776	2	128	1235	1226	255	0
S91290.H	03-NOV-89	16:25:09	5776	3	128	1235	1226	255	0
S91291.H	03-NOV-89	16:29:25	5776	1	128	1217	1226	255	0
S91292.H	03-NOV-89	16:30:43	5776	2	128	1217	1226	255	0
S91293.H	03-NOV-89	16:32:04	5776	3	128	1217	1226	255	0
S91294.H	03-NOV-89	16:36:23	0	3	128	1217	1226	255	0
S91295.H	03-NOV-89	16:37:44	0	3	128	1226	1226	255	0
S91296.H	03-NOV-89	16:39:03	0	3	128	1235	1226	255	0
S91297.H	03-NOV-89	16:42:33	0	3	128	1214	1223	255	0
S91298.H	03-NOV-89	16:43:58	0	3	128	1223	1223	255	0
S91299.H	03-NOV-89	16:45:15	0	3	128	1232	1223	255	0
S91300.H	03-NOV-89	16:46:21	0	3	128	1232	1223	256	0
S91301.H	03-NOV-89	16:52:16	0	1	128	1235	1226	256	0
S91302.H	03-NOV-89	16:53:36	0	2	128	1235	1226	256	0
S91303.H	03-NOV-89	16:54:54	0	3	128	1235	1226	256	0
S91304.H	03-NOV-89	16:56:48	0	1	128	1217	1226	256	0
S91305.H	03-NOV-89	16:57:55	0	2	128	1217	1226	256	0
S91306.H	03-NOV-89	16:59:01	0	3	128	1217	1226	256	0
S91307.H	03-NOV-89	17:02:55	0	1	128	1217	1226	256	0
S91308.H	03-NOV-89	17:04:15	0	2	128	1217	1226	256	0
S91309.H	03-NOV-89	17:05:43	0	3	128	1217	1226	256	0
S91310.H	03-NOV-89	17:18:20	5776	1	128	1217	1226	256	0
S91311.H	03-NOV-89	17:19:39	5776	2	128	1217	1226	256	0
S91312.H	03-NOV-89	17:20:57	5776	3	128	1217	1226	256	0
S91313.H	03-NOV-89	17:23:46	5776	1	128	1235	1226	256	0
S91314.H	03-NOV-89	17:25:05	5776	2	128	1235	1226	256	0
S91315.H	03-NOV-89	17:27:17	5776	3	128	1235	1226	256	0
S91316.H	03-NOV-89	17:31:25	5776	1	128	1226	1226	256	0
S91317.H	03-NOV-89	17:32:40	5776	2	128	1226	1226	256	0
S91318.H	03-NOV-89	17:33:57	5776	3	128	1226	1226	256	0
S91319.H	03-NOV-89	17:49:14	5776	1	128	1217	1226	256	0
S91320.H	03-NOV-89	17:50:32	5776	2	128	1217	1226	256	0
S91321.H	03-NOV-89	17:51:50	5776	3	128	1217	1226	256	0
S91322.H	03-NOV-89	17:55:13	5776	1	128	1235	1226	256	0
S91323.H	03-NOV-89	17:56:15	5776	2	128	1235	1226	256	0
S91324.H	03-NOV-89	17:57:17	5776	3	128	1235	1226	256	0
S91325.H	03-NOV-89	17:58:28	5776	1	128	1235	1226	256	0
S91326.H	03-NOV-89	17:59:30	5776	2	128	1235	1226	256	0
S91327.H	03-NOV-89	18:00:31	5776	3	128	1235	1226	256	0
S91328.H	03-NOV-89	18:01:42	5776	1	128	1235	1226	256	0
S91329.H	03-NOV-89	18:02:44	5776	2	128	1235	1226	256	0
S91330.H	03-NOV-89	18:03:46	5776	3	128	1235	1226	256	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S91331.H	03-NOV-89	18:04:57	5776	1	128	1235	1226	256	0
S91332.H	03-NOV-89	18:05:59	5776	2	128	1235	1226	256	0
S91333.H	03-NOV-89	18:07:01	5776	3	128	1235	1226	256	0
S91334.H	03-NOV-89	18:08:11	5776	1	128	1235	1226	256	0
S91335.H	03-NOV-89	18:09:13	5776	2	128	1235	1226	256	0
S91336.H	03-NOV-89	18:10:15	5776	3	128	1235	1226	256	0
S91337.H	03-NOV-89	18:11:26	5776	1	128	1235	1226	256	0
S91338.H	03-NOV-89	18:12:28	5776	2	128	1235	1226	256	0
S91339.H	03-NOV-89	18:13:30	5776	3	128	1235	1226	256	0
S91340.H	03-NOV-89	18:14:40	5776	1	128	1235	1226	256	0
S91341.H	03-NOV-89	18:15:42	5776	2	128	1235	1226	256	0
S91342.H	03-NOV-89	18:16:44	5776	3	128	1235	1226	256	0
S91343.H	03-NOV-89	18:17:55	5776	1	128	1235	1226	256	0
S91344.H	03-NOV-89	18:18:57	5776	2	128	1235	1226	256	0
S91345.H	03-NOV-89	18:19:59	5776	3	128	1235	1226	256	0
S91346.H	03-NOV-89	18:21:10	5776	1	128	1235	1226	256	0
S91347.H	03-NOV-89	18:22:11	5776	2	128	1235	1226	256	0
S91348.H	03-NOV-89	18:23:13	5776	3	128	1235	1226	256	0
S91349.H	03-NOV-89	18:24:24	5776	1	128	1235	1226	256	0
S91350.H	03-NOV-89	18:25:26	5776	2	128	1235	1226	257	0
S91351.H	03-NOV-89	18:26:28	5776	3	128	1235	1226	257	0
S91352.H	03-NOV-89	18:27:39	5776	1	128	1235	1226	257	0
S91353.H	03-NOV-89	18:28:41	5776	2	128	1235	1226	257	0
S91354.H	03-NOV-89	18:29:43	5776	3	128	1235	1226	257	0
S91355.H	03-NOV-89	18:30:54	5776	1	128	1235	1226	257	0
S91356.H	03-NOV-89	18:31:55	5776	2	128	1235	1226	257	0
S91357.H	03-NOV-89	18:32:57	5776	3	128	1235	1226	257	0
S91358.H	03-NOV-89	18:34:08	5776	1	128	1235	1226	257	0
S91359.H	03-NOV-89	18:35:10	5776	2	128	1235	1226	257	0
S91360.H	03-NOV-89	18:36:12	5776	3	128	1235	1226	257	0
S91361.H	03-NOV-89	18:37:23	5776	1	128	1235	1226	257	0
S91362.H	03-NOV-89	18:38:25	5776	2	128	1235	1226	257	0
S91363.H	03-NOV-89	18:39:27	5776	3	128	1235	1226	257	0
S91364.H	03-NOV-89	18:40:38	5776	1	128	1235	1226	257	0
S91365.H	03-NOV-89	18:41:39	5776	2	128	1235	1226	257	0
S91366.H	03-NOV-89	18:42:41	5776	3	128	1235	1226	257	0
S91367.H	03-NOV-89	18:43:52	5776	1	128	1235	1226	257	0
S91368.H	03-NOV-89	18:44:54	5776	2	128	1235	1226	257	0
S91369.H	03-NOV-89	18:45:56	5776	3	128	1235	1226	257	0
S91370.H	03-NOV-89	18:47:07	5776	1	128	1235	1226	257	0
S91371.H	03-NOV-89	18:48:09	5776	2	128	1235	1226	257	0
S91372.H	03-NOV-89	18:49:11	5776	3	128	1235	1226	257	0
S91373.H	03-NOV-89	18:50:22	5776	1	128	1235	1226	257	0
S91374.H	03-NOV-89	18:51:24	5776	2	128	1235	1226	257	0
S91375.H	03-NOV-89	18:52:25	5776	3	128	1235	1226	257	0
S91376.H	03-NOV-89	18:53:37	5776	1	128	1235	1226	257	0
S91377.H	03-NOV-89	18:54:38	5776	2	128	1235	1226	257	0
S91378.H	03-NOV-89	18:55:40	5776	3	128	1235	1226	257	0
S91379.H	03-NOV-89	18:56:51	5776	1	128	1235	1226	257	0
S91380.H	03-NOV-89	18:57:53	5776	2	128	1235	1226	257	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	AP	ENH	FP	CF	TAPE	C.T.
S91381.H	03-NOV-89	18:58:55	5776	3	128	1235	1226	257	0
S91382.H	03-NOV-89	19:00:06	5776	1	128	1235	1226	257	0
S91383.H	03-NOV-89	19:01:07	5776	2	128	1235	1226	257	0
S91384.H	03-NOV-89	19:02:09	5776	3	128	1235	1226	257	0
S91385.H	03-NOV-89	19:03:21	5776	1	128	1235	1226	257	0
S91386.H	03-NOV-89	19:04:22	5776	2	128	1235	1226	257	0
S91387.H	03-NOV-89	19:05:24	5776	3	128	1235	1226	257	0
S91388.H	03-NOV-89	19:06:35	5776	1	128	1235	1226	257	0
S91389.H	03-NOV-89	19:07:37	5776	2	128	1235	1226	257	0
S91390.H	03-NOV-89	19:08:39	5776	3	128	1235	1226	257	0
S91391.H	03-NOV-89	19:09:50	5776	1	128	1235	1226	257	0
S91392.H	03-NOV-89	19:10:52	5776	2	128	1235	1226	257	0
S91393.H	03-NOV-89	19:11:54	5776	3	128	1235	1226	257	0
S91394.H	03-NOV-89	19:19:35	0	3	128	1217	1226	257	0
S91395.H	03-NOV-89	19:21:07	0	3	128	1226	1226	257	0
S91396.H	03-NOV-89	19:22:30	0	3	128	1235	1226	257	0
S91397.H	03-NOV-89	19:23:45	0	3	128	1238	1226	257	0
S91398.H	03-NOV-89	19:25:41	0	3	128	1214	1226	257	0
S91399.H	03-NOV-89	19:39:02	5776	1	128	1214	1226	257	0
S91400.H	03-NOV-89	19:40:24	5776	2	128	1214	1226	258	0
S91401.H	03-NOV-89	19:41:41	5776	3	128	1214	1226	258	0
S91402.H	03-NOV-89	19:47:23	5776	1	128	1217	1226	258	0
S91403.H	03-NOV-89	19:48:48	5776	2	128	1217	1226	258	0
S91404.H	03-NOV-89	19:50:10	5776	3	128	1217	1226	258	0
S91405.H	03-NOV-89	19:52:02	5776	1	128	1235	1226	258	0
S91406.H	03-NOV-89	19:53:13	5776	2	128	1235	1226	258	0
S91407.H	03-NOV-89	19:54:24	5776	3	128	1235	1226	258	0
S91408.H	03-NOV-89	19:55:53	5776	1	128	1235	1226	258	0
S91409.H	03-NOV-89	19:57:22	5776	2	128	1235	1226	258	0
S91410.H	03-NOV-89	19:58:28	5776	3	128	1235	1226	258	0
S91411.H	03-NOV-89	19:59:55	5776	1	128	1235	1226	258	0
S91412.H	03-NOV-89	20:01:14	5776	2	128	1235	1226	258	0
S91413.H	03-NOV-89	20:02:30	5776	3	128	1235	1226	258	0
S91414.H	03-NOV-89	20:03:53	5776	1	128	1235	1226	258	0
S91415.H	03-NOV-89	20:05:10	5776	2	128	1235	1226	258	0
S91416.H	03-NOV-89	20:06:28	5776	3	128	1235	1226	258	0
S91417.H	03-NOV-89	20:07:54	5776	1	128	1235	1226	258	0
S91418.H	03-NOV-89	20:09:23	5776	2	128	1235	1226	258	0
S91419.H	03-NOV-89	20:10:41	5776	3	128	1235	1226	258	0
S91420.H	03-NOV-89	20:12:18	5776	1	128	1235	1226	258	0
S91421.H	03-NOV-89	20:13:39	5776	2	128	1235	1226	258	0
S91422.H	03-NOV-89	20:14:57	5776	3	128	1235	1226	258	0
S91423.H	03-NOV-89	20:16:39	5776	1	128	1235	1226	258	0
S91424.H	03-NOV-89	20:18:06	5776	2	128	1235	1226	258	0
S91425.H	03-NOV-89	20:19:23	5776	3	128	1235	1226	258	0
S91426.H	03-NOV-89	20:21:11	5776	1	128	1235	1226	258	0
S91427.H	03-NOV-89	20:22:20	5776	2	128	1235	1226	258	0
S91428.H	03-NOV-89	20:23:26	5776	3	128	1235	1226	258	0
S91429.H	03-NOV-89	21:33:52	5776	1	128	1223	1226	258	0
S91430.H	03-NOV-89	21:37:18	5776	2	128	1223	1226	258	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S91431.H	03-NOV-89	21:39:26	5776	3	128	1223	1226	258	0
S91432.H	03-NOV-89	21:45:01	5776	1	128	1232	1223	258	0
S91433.H	03-NOV-89	21:47:44	5776	2	128	1232	1223	258	0
S91434.H	03-NOV-89	21:52:07	5776	3	128	1232	1223	258	0
S91435.H	03-NOV-89	21:57:19	5776	1	128	1213	1223	258	0
S91436.H	03-NOV-89	22:00:03	5776	2	128	1213	1223	258	0
S91437.H	03-NOV-89	22:02:19	5776	3	128	1213	1223	258	0
S91438.H	03-NOV-89	23:05:29	0	3	128	1213	0	258	0
S91439.H	03-NOV-89	23:07:52	5776	1	128	1235	1226	258	1
S91440.H	04-NOV-89	15:39:22	5776	1	128	1235	1226	258	1
S91441.H	04-NOV-89	15:41:02	5776	2	128	1235	1226	258	1
S91442.H	04-NOV-89	15:42:53	5776	3	128	1235	1226	258	1
S91443.H	04-NOV-89	15:47:42	5776	1	128	1217	1226	258	1
S91444.H	04-NOV-89	15:49:10	5776	2	128	1217	1226	258	1
S91445.H	04-NOV-89	15:50:32	5776	3	128	1217	1226	258	1
S91446.H	04-NOV-89	15:54:17	5776	1	128	1226	1226	258	1
S91447.H	04-NOV-89	15:55:50	5776	2	128	1226	1226	258	1
S91448.H	04-NOV-89	15:57:42	5776	3	128	1226	1226	258	1
S91449.H	04-NOV-89	16:00:21	5776	1	128	1238	1226	258	1
S91450.H	04-NOV-89	16:02:07	5776	2	128	1238	1226	259	1
S91451.H	04-NOV-89	16:04:03	5776	3	128	1238	1226	259	1
S91452.H	04-NOV-89	16:23:54	5769	1	128	1231	1222	259	1
S91453.H	04-NOV-89	16:25:56	5769	2	128	1231	1222	259	1
S91454.H	04-NOV-89	16:28:35	5769	3	128	1231	1222	259	1
S91455.H	04-NOV-89	16:32:02	5769	1	128	1213	1222	259	1
S91456.H	04-NOV-89	16:34:13	5769	2	128	1213	1222	259	1
S91457.H	04-NOV-89	16:35:42	5769	3	128	1213	1222	259	1
S91458.H	04-NOV-89	16:39:10	5769	1	128	1222	1222	259	1
S91459.H	04-NOV-89	16:40:58	5769	2	128	1222	1222	259	1
S91460.H	04-NOV-89	16:42:28	5769	3	128	1222	1222	259	1
S91461.H	04-NOV-89	16:46:19	5769	1	128	1234	1222	259	1
S91462.H	04-NOV-89	16:47:51	5769	2	128	1234	1222	259	1
S91463.H	04-NOV-89	16:49:10	5769	3	128	1234	1222	259	1
S91464.H	04-NOV-89	17:07:57	5776	1	128	1235	1226	259	1
S91465.H	04-NOV-89	17:09:37	5776	2	128	1235	1226	259	1
S91466.H	04-NOV-89	17:11:22	5776	3	128	1235	1226	259	1
S91467.H	04-NOV-89	17:14:26	5776	1	128	1217	1226	259	1
S91468.H	04-NOV-89	17:16:55	5776	2	128	1217	1226	259	1
S91469.H	04-NOV-89	17:18:49	5776	3	128	1217	1226	259	1
S91470.H	04-NOV-89	17:23:41	5776	1	128	1226	1226	259	1
S91471.H	04-NOV-89	17:25:31	5776	2	128	1226	1226	259	1
S91472.H	04-NOV-89	17:27:22	5776	3	128	1226	1226	259	1
S91473.H	04-NOV-89	17:46:49	5769	1	128	1231	1222	259	1
S91474.H	04-NOV-89	17:48:12	5769	2	128	1231	1222	259	1
S91475.H	04-NOV-89	17:49:42	5769	3	128	1231	1222	259	1
S91476.H	04-NOV-89	17:53:02	5769	1	128	1213	1222	259	1
S91477.H	04-NOV-89	17:54:29	5769	2	128	1213	1222	259	1
S91478.H	04-NOV-89	17:56:11	5769	3	128	1213	1222	259	1
S91479.H	04-NOV-89	17:58:03	5769	1	128	1222	1222	259	1
S91480.H	04-NOV-89	18:00:14	5769	2	128	1222	1222	259	1

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S91481.H	04-NOV-89	18:02:04	5769	3	128	1222	1222	259	1
S91482.H	04-NOV-89	18:04:56	5769	1	128	1234	1222	259	1
S91483.H	04-NOV-89	18:11:46	5769	1	128	1234	1222	259	1
S91484.H	04-NOV-89	18:13:11	5769	2	128	1234	1222	259	1
S91485.H	04-NOV-89	18:15:04	5769	3	128	1234	1222	259	1
S91486.H	04-NOV-89	18:31:20	0	3	128	1235	1235	259	0
S91487.H	04-NOV-89	18:34:00	0	3	128	1213	1213	259	0
S91488.H	04-NOV-89	18:35:43	0	3	128	1217	1217	259	0
S91489.H	04-NOV-89	19:13:01	0	3	128	1213	1213	259	0
S91490.H	04-NOV-89	19:14:59	0	3	128	1217	1217	259	0
S91491.H	04-NOV-89	19:17:01	0	3	128	1222	1222	259	0
S91492.H	04-NOV-89	19:18:17	0	3	128	1226	1226	259	0
S91493.H	04-NOV-89	19:19:46	0	3	128	1231	1231	259	0
S91494.H	04-NOV-89	19:21:19	0	3	128	1235	1235	259	0
S91495.H	04-NOV-89	19:22:54	0	3	128	1238	1238	259	0
S91496.H	04-NOV-89	19:24:36	0	3	128	1238	1238	259	0
S91497.H	04-NOV-89	19:43:33	5776	1	128	1235	1226	259	1
S91498.H	04-NOV-89	19:46:07	5776	2	128	1235	1226	259	1
S91499.H	04-NOV-89	19:48:30	5776	3	128	1235	1226	259	1
S91500.H	04-NOV-89	19:51:51	5776	1	128	1217	1226	260	1
S91501.H	04-NOV-89	19:53:17	5776	2	128	1217	1226	260	1
S91502.H	04-NOV-89	19:54:57	5776	3	128	1217	1226	260	1
S91503.H	04-NOV-89	19:57:08	5776	1	128	1226	1226	260	1
S91504.H	04-NOV-89	19:59:27	5776	2	128	1226	1226	260	1
S91505.H	04-NOV-89	20:01:00	5776	3	128	1226	1226	260	1
S91506.H	04-NOV-89	20:05:12	5776	1	128	1236	1226	260	1
S91507.H	04-NOV-89	20:06:36	5776	2	128	1236	1226	260	1
S91508.H	04-NOV-89	20:08:07	5776	3	128	1236	1226	260	1
S91509.H	04-NOV-89	20:11:59	5776	1	128	1214	1226	260	1
S91510.H	04-NOV-89	20:13:47	5776	2	128	1214	1226	260	1
S91511.H	04-NOV-89	20:15:11	5776	3	128	1214	1226	260	1
S91512.H	04-NOV-89	20:31:54	5769	1	128	1231	1222	260	1
S91513.H	04-NOV-89	20:33:25	5769	2	128	1231	1222	260	1
S91514.H	04-NOV-89	20:34:50	5769	3	128	1231	1222	260	1
S91515.H	04-NOV-89	20:37:38	5769	1	128	1213	1222	260	1
S91516.H	04-NOV-89	20:39:11	5769	2	128	1213	1222	260	1
S91517.H	04-NOV-89	20:40:39	5769	3	128	1213	1222	260	1
S91518.H	04-NOV-89	20:45:11	5769	1	128	1222	1222	260	1
S91519.H	04-NOV-89	20:46:58	5769	2	128	1222	1222	260	1
S91520.H	04-NOV-89	20:48:23	5769	3	128	1222	1222	260	1
S91521.H	04-NOV-89	20:51:02	5769	2	128	1222	1222	260	1
S91522.H	04-NOV-89	20:54:49	5769	1	128	1234	1222	260	1
S91523.H	04-NOV-89	20:56:35	5769	2	128	1234	1222	260	1
S91524.H	04-NOV-89	20:58:28	5769	3	128	1234	1222	260	1
S91525.H	04-NOV-89	21:01:39	5769	1	128	1210	1222	260	1
S91526.H	04-NOV-89	21:03:00	5769	2	128	1210	1222	260	1
S91527.H	04-NOV-89	21:04:54	5769	3	128	1210	1222	260	1
S91528.H	05-NOV-89	15:29:19	5776	1	128	1232	1223	260	1
S91529.H	05-NOV-89	15:30:39	5776	2	128	1232	1223	260	1
S91530.H	05-NOV-89	15:32:03	5776	3	128	1232	1223	260	1

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	AP	ENH	FP	CF	TAPE	C.T.
S91531.H	05-NOV-89	15:34:36	5776	1	128	1214	1223	260	1
S91532.H	05-NOV-89	15:36:03	5776	2	128	1214	1223	260	1
S91533.H	05-NOV-89	15:37:24	5776	3	128	1214	1223	260	1
S91534.H	05-NOV-89	15:39:22	5776	1	128	1223	1223	260	1
S91535.H	05-NOV-89	15:40:42	5776	2	128	1223	1223	260	1
S91536.H	05-NOV-89	15:42:01	5776	3	128	1223	1223	260	1
S91537.H	05-NOV-89	16:02:19	5776	1	128	1231	1223	260	1
S91538.H	05-NOV-89	16:03:57	5776	2	128	1231	1223	260	1
S91539.H	05-NOV-89	16:05:45	5776	3	128	1231	1223	260	1
S91540.H	05-NOV-89	16:08:48	5776	1	128	1214	1223	260	1
S91541.H	05-NOV-89	16:10:07	5776	2	128	1214	1223	260	1
S91542.H	05-NOV-89	16:11:48	5776	3	128	1214	1223	260	1
S91543.H	05-NOV-89	16:14:55	5776	1	128	1223	1223	260	1
S91544.H	05-NOV-89	16:16:15	5776	2	128	1223	1223	260	1
S91545.H	05-NOV-89	16:17:32	5776	3	128	1223	1223	260	1
S91546.H	05-NOV-89	16:56:38	5769	1	128	1222	1222	260	1
S91547.H	05-NOV-89	16:57:59	5769	2	128	1222	1222	260	1
S91548.H	05-NOV-89	16:59:50	5769	3	128	1222	1222	260	1
S91549.H	05-NOV-89	17:01:55	5769	1	128	1231	1222	260	1
S91550.H	05-NOV-89	17:03:15	5769	2	128	1231	1222	261	1
S91551.H	05-NOV-89	17:04:36	5769	3	128	1231	1222	261	1
S91552.H	05-NOV-89	17:06:53	5769	1	128	1213	1222	261	1
S91553.H	05-NOV-89	17:08:20	5769	2	128	1213	1222	261	1
S91554.H	05-NOV-89	17:09:38	5769	3	128	1213	1222	261	1
S91555.H	05-NOV-89	17:13:19	0	3	128	1213	1222	261	0
S91556.H	05-NOV-89	17:15:08	0	3	128	1222	1222	261	0
S91557.H	05-NOV-89	17:16:46	0	3	128	1231	1222	261	0
S91558.H	05-NOV-89	17:18:50	0	3	128	1231	1222	261	0
S91559.H	05-NOV-89	17:26:08	0	1	128	1231	1222	261	0
S91560.H	05-NOV-89	17:27:31	0	2	128	1231	1222	261	0
S91561.H	05-NOV-89	17:28:51	0	3	128	1231	1222	261	0
S91562.H	05-NOV-89	17:35:27	0	1	128	1231	1222	261	0
S91563.H	05-NOV-89	17:36:46	0	2	128	1231	1222	261	0
S91564.H	05-NOV-89	17:38:06	0	3	128	1231	1222	261	0
S91565.H	09-NOV-89	20:40:35	5783	1	128	1229	1220	261	1
S91566.H	09-NOV-89	20:47:19	5783	1	128	1229	1220	261	1
S91567.H	09-NOV-89	20:48:41	5783	2	128	1229	1220	261	1
S91568.H	09-NOV-89	20:50:13	5783	3	128	1229	1220	261	1
S91569.H	09-NOV-89	20:52:26	5783	1	128	1211	1220	261	1
S91570.H	09-NOV-89	20:56:31	5783	2	128	1211	1220	261	1
S91571.H	09-NOV-89	20:57:58	5783	3	128	1211	1220	261	1
S91572.H	09-NOV-89	21:22:01	5783	1	128	1229	1220	261	1
S91573.H	09-NOV-89	21:23:21	5783	2	128	1229	1220	261	1
S91574.H	09-NOV-89	21:30:44	5783	3	128	1229	1220	261	1
S91575.H	09-NOV-89	21:33:00	5783	1	128	1231	1220	261	1
S91576.H	09-NOV-89	21:34:19	5783	2	128	1231	1220	261	1
S91577.H	09-NOV-89	21:35:40	5783	3	128	1231	1220	261	1
S91578.H	09-NOV-89	21:54:09	5783	1	128	1229	1220	261	1
S91579.H	09-NOV-89	21:55:50	5783	2	128	1229	1220	261	1
S91580.H	09-NOV-89	21:57:18	5783	3	128	1229	1220	261	1

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S91581.H	09-NOV-89	22:14:43	5786	1	128	1213	1222	261	1
S91582.H	09-NOV-89	22:16:05	5786	2	128	1213	1222	261	1
S91583.H	09-NOV-89	22:17:27	5786	3	128	1213	1222	261	1
S91584.H	09-NOV-89	22:19:14	5786	1	128	1231	1222	261	1
S91585.H	09-NOV-89	22:20:31	5786	2	128	1231	1222	261	1
S91586.H	09-NOV-89	22:21:47	5786	3	128	1231	1222	261	1
S91587.H	10-NOV-89	15:57:08	5786	1	128	1213	1222	261	1
S91588.H	10-NOV-89	15:59:33	5786	2	128	1213	1222	261	1
S91589.H	10-NOV-89	16:00:56	5786	3	128	1213	1222	261	1
S91590.H	10-NOV-89	16:02:52	5786	1	128	1231	1222	261	1
S91591.H	10-NOV-89	16:04:22	5786	2	128	1231	1222	261	1
S91592.H	10-NOV-89	16:05:41	5786	3	128	1231	1222	261	1
S91593.H	10-NOV-89	16:07:25	5786	1	128	1231	1222	261	1
S91594.H	10-NOV-89	16:08:48	5786	2	128	1231	1222	261	1
S91595.H	10-NOV-89	16:10:25	5786	3	128	1231	1222	261	1
S91596.H	10-NOV-89	16:28:05	5783	1	128	1234	1222	261	1
S91597.H	10-NOV-89	16:29:41	5783	2	128	1234	1222	261	1
S91598.H	10-NOV-89	16:31:20	5783	3	128	1234	1222	261	1
S91599.H	10-NOV-89	16:32:58	5783	1	128	1234	1222	261	1
S91600.H	10-NOV-89	16:34:24	5783	2	128	1234	1222	262	1
S91601.H	10-NOV-89	16:35:51	5783	3	128	1234	1222	262	1
S91602.H	10-NOV-89	16:39:45	5783	1	128	1237	1222	262	1
S91603.H	10-NOV-89	16:41:10	5783	2	128	1237	1222	262	1
S91604.H	10-NOV-89	16:42:33	5783	3	128	1237	1222	262	1
S91605.H	10-NOV-89	16:45:29	5783	1	128	1237	1222	262	1
S91606.H	10-NOV-89	16:46:52	5783	2	128	1237	1222	262	1
S91607.H	10-NOV-89	16:48:13	5783	3	128	1237	1222	262	1
S91608.H	10-NOV-89	16:50:39	5783	1	128	1213	1222	262	1
S91609.H	10-NOV-89	16:52:08	5783	2	128	1213	1222	262	1
S91610.H	10-NOV-89	16:54:29	5783	3	128	1213	1222	262	1
S91611.H	10-NOV-89	16:56:14	5783	1	128	1222	1222	262	1
S91612.H	10-NOV-89	16:57:35	5783	2	128	1222	1222	262	1
S91613.H	10-NOV-89	16:58:54	5783	3	128	1222	1222	262	1
S91614.H	10-NOV-89	17:10:54	5783	1	128	1231	1222	262	1
S91615.H	10-NOV-89	17:13:16	5783	2	128	1231	1222	262	1
S91616.H	10-NOV-89	17:14:37	5783	3	128	1231	1222	262	1
S91617.H	10-NOV-89	17:17:58	5783	1	1	1231	1222	262	1
S91618.H	10-NOV-89	17:19:43	5783	1	128	1231	1222	262	1
S91619.H	10-NOV-89	17:21:11	5783	1	128	1231	1222	262	1
S91620.H	10-NOV-89	17:22:38	5783	2	128	1231	1222	262	1
S91621.H	10-NOV-89	17:24:12	5783	3	128	1231	1222	262	1
S91622.H	10-NOV-89	17:27:28	5783	1	128	1234	1222	262	1
S91623.H	10-NOV-89	17:28:53	5783	2	128	1234	1222	262	1
S91624.H	10-NOV-89	17:30:20	5783	3	128	1234	1222	262	1
S91625.H	10-NOV-89	17:47:40	5783	1	128	1234	1222	262	1
S91626.H	10-NOV-89	17:50:06	5783	2	128	1234	1222	262	1
S91627.H	10-NOV-89	17:51:27	5783	3	128	1234	1222	262	1
S91628.H	10-NOV-89	17:53:42	0	3	128	1234	1222	262	0
S91629.H	10-NOV-89	17:55:40	0	3	128	1213	1222	262	0
S91630.H	10-NOV-89	17:57:11	0	3	128	1231	1222	262	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	AP	ENH	FP	CF	TAPE	C.T.
S91631.H	10-NOV-89	17:58:28	0	3	128	1231	1222	262	0
S91632.H	10-NOV-89	18:06:48	5783	1	128	1231	1222	262	1
S91633.H	10-NOV-89	18:09:25	5783	2	128	1231	1222	262	1
S91634.H	10-NOV-89	18:10:45	5783	3	128	1231	1222	262	1
S91635.H	10-NOV-89	18:33:59	5783	1	128	1231	1222	262	1
S91636.H	10-NOV-89	18:35:26	5783	2	128	1231	1222	262	1
S91637.H	10-NOV-89	18:37:00	5783	3	128	1231	1222	262	1
S91638.H	10-NOV-89	18:38:39	5783	1	128	1231	1222	262	1
S91639.H	10-NOV-89	18:40:11	5783	2	128	1231	1222	262	1
S91640.H	10-NOV-89	18:41:32	5783	3	128	1231	1222	262	1
S91641.H	10-NOV-89	18:45:37	5783	1	128	1213	1222	262	1
S91642.H	10-NOV-89	18:46:57	5783	2	128	1213	1222	262	1
S91643.H	10-NOV-89	18:48:18	5783	3	128	1213	1222	262	1
S91644.H	10-NOV-89	18:50:36	5783	1	128	1222	1222	262	1
S91645.H	10-NOV-89	18:53:41	5783	2	128	1222	1222	262	1
S91646.H	10-NOV-89	18:55:12	5783	3	128	1222	1222	262	1
S91647.H	10-NOV-89	18:57:27	5783	1	128	1231	1222	262	1
S91648.H	10-NOV-89	18:58:49	5783	2	128	1231	1222	262	1
S91649.H	10-NOV-89	19:00:16	5783	3	128	1231	1222	262	1
S91650.H	10-NOV-89	19:02:03	5783	1	128	1231	1222	263	1
S91651.H	10-NOV-89	19:03:23	5783	2	128	1231	1222	263	1
S91652.H	10-NOV-89	19:04:42	5783	3	128	1231	1222	263	1
S91653.H	10-NOV-89	19:06:35	5783	1	128	1234	1222	263	1
S91654.H	10-NOV-89	19:07:55	5783	2	128	1234	1222	263	1
S91655.H	10-NOV-89	19:13:13	5783	1	128	1234	1222	263	1
S91656.H	10-NOV-89	19:14:35	5783	2	128	1234	1222	263	1
S91657.H	10-NOV-89	19:16:00	5783	3	128	1234	1222	263	1
S91658.H	10-NOV-89	19:17:30	5783	1	128	1237	1222	263	1
S91659.H	10-NOV-89	19:18:53	5783	2	128	1237	1222	263	1
S91660.H	10-NOV-89	19:25:56	5783	3	128	1237	1222	263	1
S91661.H	10-NOV-89	20:25:54	5786	1	128	1232	1223	0	0
S91662.H	10-NOV-89	20:27:32	5786	2	128	1232	1223	0	0
S91663.H	11-NOV-89	15:11:38	5783	1	128	1231	1222	263	1
S91664.H	11-NOV-89	15:14:26	5783	2	128	1231	1222	263	1
S91665.H	11-NOV-89	15:16:26	5783	3	128	1231	1222	263	1
S91666.H	11-NOV-89	15:20:22	5783	1	128	1213	1222	263	1
S91667.H	11-NOV-89	15:22:22	5783	2	128	1213	1222	263	1
S91668.H	11-NOV-89	15:23:54	5783	3	128	1213	1222	263	1
S91669.H	11-NOV-89	15:27:51	5783	1	128	1222	1222	263	1
S91670.H	11-NOV-89	15:29:39	5783	2	128	1222	1222	263	1
S91671.H	11-NOV-89	15:32:17	5783	3	128	1222	1222	263	1
S91672.H	11-NOV-89	15:34:33	5783	1	128	1234	1222	263	1
S91673.H	11-NOV-89	15:36:05	5783	2	128	1234	1222	263	1
S91674.H	11-NOV-89	15:37:32	5783	3	128	1234	1222	263	1
S91675.H	11-NOV-89	15:40:19	5783	1	128	1210	1222	263	1
S91676.H	11-NOV-89	15:42:12	5783	2	128	1210	1222	263	1
S91677.H	11-NOV-89	15:43:40	5783	3	128	1210	1222	263	1
S91678.H	11-NOV-89	15:46:43	5783	1	128	1237	1222	263	1
S91679.H	11-NOV-89	15:48:22	5783	2	128	1237	1222	263	1
S91680.H	11-NOV-89	15:49:37	5783	3	128	1237	1222	263	1

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S91681.H	11-NOV-89	15:55:14	5783	1	128	1207	1222	263	1
S91682.H	11-NOV-89	15:56:46	5783	2	128	1207	1222	263	1
S91683.H	11-NOV-89	15:58:08	5783	3	128	1207	1222	263	1
S91684.H	11-NOV-89	16:08:32	5788	1	128	1234	1225	263	1
S91685.H	11-NOV-89	16:10:06	5788	2	128	1234	1225	263	1
S91686.H	11-NOV-89	16:12:07	5788	3	128	1234	1225	263	1
S91687.H	11-NOV-89	16:14:08	5788	1	128	1234	1225	263	1
S91688.H	11-NOV-89	16:16:19	5788	2	128	1234	1225	263	1
S91689.H	11-NOV-89	16:17:46	5788	3	128	1234	1225	263	1
S91690.H	11-NOV-89	16:20:22	5788	1	128	1216	1225	263	1
S91691.H	11-NOV-89	16:21:47	5788	2	128	1215	1225	263	1
S91692.H	11-NOV-89	16:23:17	5788	3	128	1215	1225	263	1
S91693.H	11-NOV-89	16:25:52	5788	1	128	1225	1225	263	1
S91694.H	11-NOV-89	16:27:11	5788	2	128	1225	1225	263	1
S91695.H	11-NOV-89	16:28:19	5788	3	128	1225	1225	263	1
S91696.H	11-NOV-89	16:31:22	5788	1	128	1237	1225	263	1
S91697.H	11-NOV-89	16:32:51	5788	2	128	1237	1225	263	1
S91698.H	11-NOV-89	16:34:20	5788	3	128	1237	1225	263	1
S91699.H	11-NOV-89	16:48:27	5786	1	128	1233	1224	264	1
S91700.H	11-NOV-89	16:50:00	5786	2	128	1233	1224	264	1
S91701.H	11-NOV-89	16:51:39	5786	3	128	1233	1224	264	1
S91702.H	11-NOV-89	16:54:04	5786	1	128	1215	1224	264	1
S91703.H	11-NOV-89	16:55:33	5786	2	128	1215	1224	264	1
S91704.H	11-NOV-89	16:56:58	5786	3	128	1215	1224	264	1
S91705.H	11-NOV-89	17:00:00	5786	1	128	1224	1224	264	1
S91706.H	11-NOV-89	17:01:26	5786	2	128	1224	1224	264	1
S91707.H	11-NOV-89	17:02:56	5786	3	128	1224	1224	264	1
S91708.H	11-NOV-89	17:12:28	5783	1	128	1231	1222	264	1
S91709.H	11-NOV-89	17:13:50	5783	2	128	1231	1222	264	1
S91710.H	11-NOV-89	17:15:19	5783	3	128	1231	1222	264	1
S91711.H	11-NOV-89	17:18:06	5783	1	128	1213	1222	264	1
S91712.H	11-NOV-89	17:19:43	5783	2	128	1213	1222	264	1
S91713.H	11-NOV-89	17:21:09	5783	3	128	1213	1222	264	1
S91714.H	11-NOV-89	17:22:56	5783	1	128	1222	1222	264	1
S91715.H	11-NOV-89	17:24:18	5783	2	128	1222	1222	264	1
S91716.H	11-NOV-89	17:25:45	5783	3	128	1222	1222	264	1
S91717.H	11-NOV-89	17:27:59	5783	1	128	1234	1222	264	1
S91718.H	11-NOV-89	17:29:23	5783	2	128	1234	1222	264	1
S91719.H	11-NOV-89	17:33:13	5783	3	128	1234	1222	264	1
S91720.H	11-NOV-89	17:40:23	0	3	128	1213	1222	264	0
S91721.H	11-NOV-89	17:43:21	0	3	128	1216	1222	264	0
S91722.H	11-NOV-89	17:45:42	0	3	128	1222	1222	264	0
S91723.H	11-NOV-89	17:47:33	0	3	128	1224	1222	264	0
S91724.H	11-NOV-89	17:49:15	0	3	128	1231	1222	264	0
S91725.H	11-NOV-89	17:50:55	0	3	128	1234	1222	264	0
S91726.H	11-NOV-89	17:52:42	0	3	128	1234	1222	264	0
S91727.H	11-NOV-89	18:02:34	0	1	128	1230	1222	264	0
S91728.H	11-NOV-89	18:03:55	0	2	128	1230	1222	264	0
S91729.H	11-NOV-89	18:05:29	0	3	128	1234	1222	264	0
S91730.H	11-NOV-89	18:13:19	0	1	128	1234	1222	264	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S91731.H	11-NOV-89	18:14:46	0	2	128	1234	1222	264	0
S91732.H	11-NOV-89	18:16:14	0	3	128	1234	1222	264	0
S91733.H	11-NOV-89	19:03:16	5776	1	128	1229	1220	264	1
S91734.H	11-NOV-89	19:04:45	5776	2	128	1229	1220	264	1
S91735.H	11-NOV-89	19:06:14	5776	3	128	1229	1220	264	1
S91736.H	11-NOV-89	19:09:15	5776	1	128	1211	1220	264	1
S91737.H	11-NOV-89	19:10:52	5776	2	128	1211	1220	264	1
S91738.H	11-NOV-89	19:12:34	5776	3	128	1211	1220	264	1
S91739.H	11-NOV-89	19:14:32	5776	1	128	1220	1220	264	1
S91740.H	11-NOV-89	19:15:55	5776	2	128	1220	1220	264	1
S91741.H	11-NOV-89	19:17:07	5776	3	128	1220	1220	264	1
S91742.H	11-NOV-89	19:19:11	5776	1	128	1232	1220	264	1
S91743.H	11-NOV-89	19:20:34	5776	2	128	1232	1220	264	1
S91744.H	11-NOV-89	19:22:44	5776	3	128	1232	1220	264	1
S91745.H	11-NOV-89	19:29:37	5783	1	128	1231	1222	264	1
S91746.H	11-NOV-89	19:31:30	5783	2	128	1231	1222	264	1
S91747.H	11-NOV-89	19:32:49	5783	3	128	1231	1222	264	1
S91748.H	11-NOV-89	19:35:14	5783	1	128	1213	1222	264	1
S91749.H	11-NOV-89	19:36:53	5783	2	128	1213	1222	264	1
S91750.H	11-NOV-89	19:38:23	5783	3	128	1213	1222	264	1
S91751.H	11-NOV-89	19:40:28	5783	1	128	1222	1222	265	1
S91752.H	11-NOV-89	19:42:09	5783	2	128	1222	1222	265	1
S91753.H	11-NOV-89	19:43:39	5783	3	128	1222	1222	265	1
S91754.H	11-NOV-89	19:46:51	5783	1	128	1234	1222	265	1
S91755.H	11-NOV-89	19:48:21	5783	2	128	1234	1222	265	1
S91756.H	11-NOV-89	19:49:48	5783	3	128	1234	1222	265	1
S91757.H	11-NOV-89	19:51:59	5783	1	128	1237	1222	265	1
S91758.H	11-NOV-89	19:53:23	5783	2	128	1237	1222	265	1
S91759.H	11-NOV-89	19:55:40	5783	3	128	1237	1222	265	1
S91760.H	11-NOV-89	19:58:08	5783	1	128	1210	1222	265	1
S91761.H	11-NOV-89	19:59:28	5783	2	128	1210	1222	265	1
S91762.H	11-NOV-89	20:01:14	5783	3	128	1210	1222	265	1
S91763.H	11-NOV-89	20:03:39	5783	1	1	1210	1222	265	1
S91764.H	11-NOV-89	20:05:03	5783	1	1	1210	1222	265	1
S91765.H	11-NOV-89	20:06:22	5783	1	1	1210	1222	265	1
S91766.H	11-NOV-89	20:08:16	5783	1	128	1210	1222	265	1
S91767.H	11-NOV-89	20:09:58	5783	1	128	1210	1222	265	1
S91768.H	11-NOV-89	20:12:26	5783	1	128	1231	1222	265	1
S91769.H	11-NOV-89	20:13:53	5783	2	128	1231	1222	265	1
S91770.H	11-NOV-89	20:15:17	5783	3	128	1231	1222	265	1
S91771.H	11-NOV-89	20:17:16	5783	1	128	1213	1222	265	1
S91772.H	11-NOV-89	20:18:37	5783	2	128	1213	1222	265	1
S91773.H	11-NOV-89	20:20:00	5783	3	128	1213	1222	265	1
S91774.H	11-NOV-89	20:21:01	5783	1	1	1213	1222	265	1
S91775.H	11-NOV-89	20:21:48	5783	1	2	1213	1222	265	1
S91776.H	11-NOV-89	20:22:29	5783	1	4	1213	1222	265	1
S91777.H	11-NOV-89	20:23:30	5783	1	8	1213	1222	265	1
S91778.H	11-NOV-89	20:24:16	5783	1	16	1213	1222	265	1
S91779.H	11-NOV-89	20:25:05	5783	1	32	1213	1222	265	1
S91780.H	11-NOV-89	20:26:06	5783	1	64	1213	1222	265	1

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	AP	ENH	FP	CF	TAPE	C.T.
S91781.H	11-NOV-89	20:27:30	5783	1	128	1213	1222	265	1
S91782.H	11-NOV-89	20:29:21	5783	1	128	1231	1222	265	1
S91783.H	11-NOV-89	20:30:46	5783	2	128	1231	1222	265	1
S91784.H	11-NOV-89	20:32:07	5783	3	128	1231	1222	265	1
S91785.H	11-NOV-89	20:33:20	5783	1	64	1231	1222	265	1
S91786.H	11-NOV-89	20:36:51	5783	2	64	1231	1222	265	1
S91787.H	11-NOV-89	20:37:52	5783	3	64	1231	1222	265	1
S91788.H	11-NOV-89	20:39:36	5783	1	64	1213	1222	265	1
S91789.H	11-NOV-89	20:40:41	5783	2	64	1213	1222	265	1
S91790.H	11-NOV-89	20:41:46	5783	3	64	1213	1222	265	1
S91791.H	11-NOV-89	20:43:16	5783	1	128	1213	1222	265	1
S91792.H	11-NOV-89	20:44:37	5783	2	128	1213	1222	265	1
S91793.H	11-NOV-89	20:44:37	5783	3	128	1213	1222	265	1
S91794.H	11-NOV-89	20:48:21	5783	1	128	1213	1222	265	1
S91795.H	11-NOV-89	20:56:42	5783	1	128	1213	1222	265	1
S91796.H	11-NOV-89	20:57:59	5783	2	128	1213	1222	265	1
S91797.H	11-NOV-89	21:00:11	5783	3	128	1213	1222	265	1
S91797.H	12-NOV-89	16:15:42	5783	1	128	1230	1221	265	1
S91798.H	12-NOV-89	16:17:00	5783	2	128	1230	1221	265	1
S91799.H	12-NOV-89	16:18:23	5783	3	128	1230	1221	265	1
S91800.H	12-NOV-89	16:18:23	5783	1	128	1212	1221	266	1
S91801.H	12-NOV-89	16:20:42	5783	2	128	1212	1221	266	1
S91802.H	12-NOV-89	16:22:00	5783	3	128	1212	1221	266	1
S91803.H	12-NOV-89	16:23:30	5783	1	128	1221	1221	266	1
S91804.H	12-NOV-89	16:27:31	5783	2	128	1221	1221	266	1
S91805.H	12-NOV-89	16:28:49	5783	3	128	1221	1221	266	1
S91806.H	12-NOV-89	16:30:24	5783	1	128	1233	1221	266	1
S91807.H	12-NOV-89	16:32:49	5783	2	128	1233	1221	266	1
S91808.H	12-NOV-89	16:34:06	5783	3	128	1233	1221	266	1
S91809.H	12-NOV-89	16:35:24	5783	1	128	1209	1221	266	1
S91810.H	12-NOV-89	16:37:48	5783	2	128	1209	1221	266	1
S91811.H	12-NOV-89	16:39:06	5783	3	128	1209	1221	266	1
S91812.H	12-NOV-89	16:40:26	5783	3	128	1209	1221	266	0
S91813.H	12-NOV-89	16:53:39	0	3	128	1209	1221	266	0
S91814.H	12-NOV-89	16:55:16	0	3	128	1212	1221	266	0
S91815.H	12-NOV-89	16:56:37	0	3	128	1221	1221	266	0
S91816.H	12-NOV-89	16:58:03	0	3	128	1230	1221	266	0
S91817.H	12-NOV-89	16:59:13	0	3	128	1233	1221	266	0
S91817.H	12-NOV-89	17:00:27	0	3	128	1233	1221	266	0
S91818.H	12-NOV-89	17:05:01	5783	1	128	1230	1221	266	1
S91819.H	12-NOV-89	17:06:11	5783	2	128	1230	1221	266	1
S91820.H	12-NOV-89	17:07:22	5783	3	128	1230	1221	266	1
S91821.H	12-NOV-89	17:09:33	5783	1	128	1212	1221	266	1
S91822.H	12-NOV-89	17:10:45	5783	2	128	1212	1221	266	1
S91823.H	12-NOV-89	17:11:58	5783	3	128	1212	1221	266	1
S91824.H	12-NOV-89	17:15:03	0	1	128	1230	1221	266	0
S91825.H	12-NOV-89	17:16:27	0	2	128	1230	1221	266	0
S91826.H	12-NOV-89	17:17:54	0	3	128	1230	1221	266	0
S91827.H	12-NOV-89	17:22:30	0	1	128	1230	1221	266	0
S91828.H	12-NOV-89	17:23:54	0	2	128	1230	1221	266	0
S91829.H	12-NOV-89	17:25:13	0	3	128	1230	1221	266	0
S91830.H	12-NOV-89	18:57:40	5783	1	128	1230	1221	266	1

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	AP	ENH	FP	CF	TAPE	C.T.
S91831.H	12-NOV-89	18:59:05	5783	2	128	1230	1221	266	1
S91832.H	12-NOV-89	19:00:26	5783	3	128	1230	1221	266	1
S91833.H	12-NOV-89	19:02:46	5783	1	128	1210	1221	266	1
S91834.H	12-NOV-89	19:04:08	5783	2	128	1210	1221	266	1
S91835.H	12-NOV-89	19:05:31	5783	3	128	1210	1221	266	1
S91836.H	12-NOV-89	19:07:09	5783	1	128	1221	1221	266	1
S91837.H	12-NOV-89	19:08:21	5783	2	128	1221	1221	266	1
S91838.H	12-NOV-89	19:09:31	5783	3	128	1221	1221	266	1
S91839.H	12-NOV-89	19:20:23	5788	1	128	1230	1225	266	1
S91840.H	12-NOV-89	19:21:44	5788	2	128	1234	1225	266	1
S91841.H	12-NOV-89	19:23:10	5788	3	128	1234	1225	266	1
S91842.H	12-NOV-89	19:25:10	5788	1	128	1216	1225	266	1
S91843.H	12-NOV-89	19:26:27	5788	2	128	1216	1225	266	1
S91844.H	12-NOV-89	19:27:43	5788	3	128	1216	1225	266	1
S91845.H	12-NOV-89	19:33:53	5788	1	128	1224	1225	266	1
S91846.H	12-NOV-89	19:35:28	5788	2	128	1224	1225	266	1
S91847.H	12-NOV-89	19:36:44	5788	3	128	1224	1225	266	1
S91848.H	12-NOV-89	19:44:16	0	3	128	1216	1225	266	0
S91849.H	12-NOV-89	19:45:42	0	3	128	1225	1225	266	0
S91850.H	12-NOV-89	19:47:20	0	3	128	1234	1225	267	0
S91851.H	12-NOV-89	19:49:18	0	3	128	1212	1225	267	0
S91852.H	12-NOV-89	19:50:48	0	3	128	1221	1221	267	0
S91853.H	12-NOV-89	19:52:07	0	3	128	1230	1221	267	0
S91854.H	13-NOV-89	14:35:29	5783	1	128	1230	1221	267	1
S91855.H	13-NOV-89	14:36:49	5783	2	128	1230	1221	267	1
S91856.H	13-NOV-89	14:38:07	5783	3	128	1230	1221	267	1
S91857.H	13-NOV-89	14:40:15	5783	1	128	1212	1221	267	1
S91858.H	13-NOV-89	14:41:40	5783	2	128	1212	1221	267	1
S91859.H	13-NOV-89	14:44:26	5783	3	128	1212	1221	267	1
S91860.H	13-NOV-89	14:49:20	5783	1	128	1221	1221	267	1
S91861.H	13-NOV-89	14:51:02	5783	2	128	1221	1221	267	1
S91862.H	13-NOV-89	14:52:31	5783	3	128	1221	1221	267	1
S91863.H	13-NOV-89	14:54:32	5783	1	128	1209	1221	267	1
S91864.H	13-NOV-89	14:55:51	5783	2	128	1209	1221	267	1
S91865.H	13-NOV-89	14:57:07	5783	3	128	1209	1221	267	1
S91866.H	13-NOV-89	14:59:19	5783	1	128	1233	1221	267	1
S91867.H	13-NOV-89	15:00:35	5783	2	128	1233	1221	267	1
S91868.H	13-NOV-89	15:02:00	5783	3	128	1233	1221	267	1
S91869.H	13-NOV-89	15:05:22	0	3	128	1209	1221	267	0
S91870.H	13-NOV-89	15:06:34	0	3	128	1212	1221	267	0
S91871.H	13-NOV-89	15:07:58	0	3	128	1220	1221	267	0
S91872.H	13-NOV-89	15:09:32	0	3	128	1230	1221	267	0
S91873.H	13-NOV-89	15:11:01	0	3	128	1233	1221	267	0
S91874.H	13-NOV-89	15:12:28	0	3	128	1233	1221	267	0
S91875.H	13-NOV-89	15:16:17	5783	1	128	1230	1221	267	1
S91876.H	13-NOV-89	15:17:44	5783	2	128	1230	1221	267	1
S91877.H	13-NOV-89	15:18:54	5783	3	128	1230	1221	267	1
S91878.H	13-NOV-89	15:20:50	5783	1	128	1212	1221	267	1
S91879.H	13-NOV-89	15:21:58	5783	2	128	1212	1221	267	1
S91880.H	13-NOV-89	15:23:06	5783	3	128	1212	1221	267	1

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	AP	ENH	FP	CF	TAPE	C.T.
S91881.H	13-NOV-89	15:36:25	5788	1	128	1234	1225	267	1
S91882.H	13-NOV-89	15:37:51	5788	2	128	1234	1225	267	1
S91883.H	13-NOV-89	15:39:13	5788	3	128	1234	1225	267	1
S91884.H	13-NOV-89	15:41:38	5788	1	128	1215	1225	267	1
S91885.H	13-NOV-89	15:43:25	5788	2	128	1215	1225	267	1
S91886.H	13-NOV-89	15:44:49	5788	3	128	1215	1225	267	1
S91887.H	13-NOV-89	15:46:55	5788	1	128	1225	1225	267	1
S91888.H	13-NOV-89	15:48:15	5788	2	128	1225	1225	267	1
S91889.H	13-NOV-89	15:49:40	5788	3	128	1225	1225	267	1
S91890.H	13-NOV-89	15:58:09	5788	1	128	1237	1225	267	1
S91891.H	13-NOV-89	15:59:53	5788	2	128	1237	1225	267	1
S91892.H	13-NOV-89	16:01:19	5788	3	128	1237	1225	267	1
S91893.H	13-NOV-89	16:19:42	5783	1	128	1230	1221	267	1
S91894.H	13-NOV-89	16:21:02	5783	2	128	1230	1221	267	1
S91895.H	13-NOV-89	16:22:27	5783	3	128	1230	1221	267	1
S91896.H	13-NOV-89	16:24:38	5783	1	128	1212	1221	267	1
S91897.H	13-NOV-89	16:26:03	5783	2	128	1212	1221	267	1
S91898.H	13-NOV-89	16:27:23	5783	3	128	1212	1221	267	1
S91899.H	13-NOV-89	16:29:14	5783	1	128	1221	1221	267	1
S91900.H	13-NOV-89	16:30:25	5783	2	128	1221	1221	268	1
S91901.H	13-NOV-89	16:31:37	5783	3	128	1221	1221	268	1
S91902.H	13-NOV-89	18:08:32	5783	1	128	1230	1221	268	1
S91903.H	13-NOV-89	18:09:45	5783	2	128	1230	1221	268	1
S91904.H	13-NOV-89	18:10:59	5783	3	128	1230	1221	268	1
S91905.H	13-NOV-89	18:12:13	5783	1	128	1230	1221	268	1
S91906.H	13-NOV-89	18:13:26	5783	2	128	1230	1221	268	1
S91907.H	13-NOV-89	18:14:39	5783	3	128	1230	1221	268	1
S91908.H	13-NOV-89	18:15:54	5783	1	128	1230	1221	268	1
S91909.H	13-NOV-89	18:17:08	5783	2	128	1230	1221	268	1
S91910.H	13-NOV-89	18:18:22	5783	3	128	1230	1221	268	1
S91911.H	13-NOV-89	18:19:37	5783	1	128	1230	1221	268	1
S91912.H	13-NOV-89	18:20:49	5783	2	128	1230	1221	268	1
S91913.H	13-NOV-89	18:22:04	5783	3	128	1230	1221	268	1
S91914.H	13-NOV-89	18:26:30	5783	1	128	1212	1221	268	1
S91915.H	13-NOV-89	18:28:14	5783	2	128	1212	1221	268	1
S91916.H	13-NOV-89	18:29:37	5783	3	128	1212	1221	268	1
S91917.H	13-NOV-89	20:13:19	5783	1	128	1230	1221	268	1
S91918.H	13-NOV-89	20:14:54	5783	2	128	1230	1221	268	1
S91919.H	13-NOV-89	20:16:14	5783	3	128	1230	1221	268	1
S91920.H	13-NOV-89	20:18:16	5783	1	128	1212	1221	268	1
S91921.H	13-NOV-89	20:19:24	5783	2	128	1212	1221	268	1
S91922.H	13-NOV-89	20:20:46	5783	3	128	1212	1221	268	1
S91923.H	30-NOV-89	18:22:43	5806	1	64	1212	1223	268	0
S91924.H	30-NOV-89	18:23:56	5806	2	64	1212	1223	268	0
S91925.H	30-NOV-89	18:24:57	5806	3	64	1212	1223	268	0
S91926.H	30-NOV-89	18:27:31	5806	1	64	1214	1223	268	0
S91927.H	30-NOV-89	18:28:39	5806	2	64	1214	1223	268	0
S91928.H	30-NOV-89	18:29:42	5806	3	64	1214	1223	268	0
S91929.H	30-NOV-89	18:31:15	5806	1	64	1223	1223	268	0
S91930.H	30-NOV-89	18:32:12	5806	2	64	1223	1223	268	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S91931.H	30-NOV-89	18:33:10	5806	3	64	1223	1223	268	0
S91932.H	30-NOV-89	18:42:50	5800	1	64	1230	1221	268	0
S91933.H	30-NOV-89	18:44:02	5800	2	64	1230	1221	268	0
S91934.H	30-NOV-89	18:44:58	5800	3	64	1230	1221	268	0
S91935.H	30-NOV-89	18:46:47	5800	1	64	1212	1221	268	0
S91936.H	30-NOV-89	18:47:46	5800	2	64	1212	1221	268	0
S91937.H	30-NOV-89	18:49:08	5800	3	64	1212	1221	268	0
S91938.H	30-NOV-89	18:50:28	5800	1	64	1221	1221	268	0
S91939.H	30-NOV-89	18:51:35	5800	2	64	1221	1221	268	0
S91940.H	30-NOV-89	18:52:50	5800	3	64	1221	1221	268	0
S91941.H	30-NOV-89	19:05:46	5811	1	64	1233	1224	268	0
S91942.H	30-NOV-89	19:06:54	5811	2	64	1233	1224	268	0
S91943.H	30-NOV-89	19:07:52	5811	3	64	1233	1224	268	0
S91944.H	30-NOV-89	19:09:55	5811	1	64	1215	1224	268	0
S91945.H	30-NOV-89	19:10:58	5811	2	64	1215	1224	268	0
S91946.H	30-NOV-89	19:12:00	5811	3	64	1215	1224	268	0
S91947.H	30-NOV-89	19:13:25	5811	1	64	1224	1224	268	0
S91948.H	30-NOV-89	19:14:12	5811	2	64	1224	1224	268	0
S91949.H	30-NOV-89	19:15:13	5811	3	64	1224	1224	268	0
S91950.H	30-NOV-89	19:25:52	5809	1	64	1231	1222	269	0
S91951.H	30-NOV-89	19:27:47	5809	1	64	1231	1222	269	0
S91952.H	30-NOV-89	19:28:44	5809	2	64	1231	1222	269	0
S91953.H	30-NOV-89	19:29:42	5809	3	64	1231	1222	269	0
S91954.H	30-NOV-89	19:31:32	5809	1	64	1213	1222	269	0
S91955.H	30-NOV-89	19:32:42	5809	2	64	1213	1222	269	0
S91956.H	30-NOV-89	19:33:43	5809	3	64	1213	1222	269	0
S91957.H	30-NOV-89	19:39:35	0	1	128	1214	1223	269	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	AP	ENH	FP	CF	TAPE	C.T.
S91958.H	04-DEC-89	14:58:55	5818	1	64	1214	1224	269	0
S91959.H	04-DEC-89	14:59:51	5818	2	64	1214	1224	269	0
S91960.H	04-DEC-89	15:00:59	5818	3	64	1214	1224	269	0
S91961.H	04-DEC-89	15:02:28	5818	1	64	1224	1224	269	0
S91962.H	04-DEC-89	15:03:35	5818	2	64	1224	1224	269	0
S91963.H	04-DEC-89	15:05:04	5818	3	64	1224	1224	269	0
S91964.H	04-DEC-89	17:43:54	5818	1	64	1233	1224	269	0
S91965.H	04-DEC-89	17:44:55	5818	2	64	1233	1224	269	0
S91966.H	04-DEC-89	17:46:11	5818	3	64	1233	1224	269	0
S91967.H	04-DEC-89	17:48:09	5818	1	64	1215	1224	269	0
S91968.H	04-DEC-89	17:49:20	5818	2	64	1215	1224	269	0
S91969.H	04-DEC-89	17:50:20	5818	3	64	1215	1224	269	0
S91970.H	04-DEC-89	17:52:13	5818	1	64	1224	1224	269	0
S91971.H	04-DEC-89	17:53:11	5818	2	64	1224	1224	269	0
S91972.H	04-DEC-89	17:54:10	5818	3	64	1224	1224	269	0
S91973.H	04-DEC-89	18:01:20	5821	1	64	1233	1224	269	0
S91974.H	04-DEC-89	18:02:41	5821	2	64	1233	1224	269	0
S91975.H	04-DEC-89	18:03:38	5821	3	64	1233	1224	269	0
S91976.H	04-DEC-89	18:05:26	5821	1	64	1215	1224	269	0
S91977.H	04-DEC-89	18:07:02	5821	2	64	1215	1224	269	0
S91978.H	04-DEC-89	18:09:26	5821	3	64	1215	1224	269	0
S91979.H	04-DEC-89	18:11:34	5821	1	64	1224	1224	269	0
S91980.H	04-DEC-89	18:12:38	5821	2	64	1224	1224	269	0
S91981.H	04-DEC-89	18:13:35	5821	3	64	1224	1224	269	0
S91982.H	04-DEC-89	18:23:45	5816	1	64	1230	1221	269	0
S91983.H	04-DEC-89	18:24:41	5816	2	64	1230	1221	269	0
S91984.H	04-DEC-89	18:25:40	5816	3	64	1230	1221	269	0
S91985.H	04-DEC-89	18:27:36	5816	1	64	1212	1221	269	0
S91986.H	04-DEC-89	18:28:32	5816	2	64	1212	1221	269	0
S91987.H	04-DEC-89	18:29:29	5816	3	64	1212	1221	269	0
S91988.H	04-DEC-89	18:30:41	5816	1	64	1221	1221	269	0
S91989.H	04-DEC-89	18:31:37	5816	2	64	1221	1221	269	0
S91990.H	04-DEC-89	18:32:32	5816	3	64	1221	1221	269	0
S91991.H	04-DEC-89	18:40:49	5809	1	64	1230	1221	269	0
S91992.H	04-DEC-89	18:41:54	5809	2	64	1230	1221	269	0
S91993.H	04-DEC-89	18:42:52	5809	3	64	1230	1221	269	0
S91994.H	04-DEC-89	18:44:34	5809	1	64	1212	1221	269	0
S91995.H	04-DEC-89	18:45:54	5809	2	64	1212	1221	269	0
S91996.H	04-DEC-89	18:46:55	5809	3	64	1212	1221	269	0
S91997.H	04-DEC-89	18:49:02	5809	1	64	1221	1221	269	0
S91998.H	04-DEC-89	18:49:50	5809	2	64	1221	1221	269	0
S91999.H	04-DEC-89	18:50:40	5809	3	64	1221	1221	269	0
S92000.H	04-DEC-89	18:56:23	5811	1	64	1230	1221	270	0
S92001.H	04-DEC-89	18:57:21	5811	2	64	1230	1221	270	0
S92002.H	04-DEC-89	18:58:20	5811	3	64	1230	1221	270	0
S92003.H	04-DEC-89	19:00:05	5811	1	64	1212	1221	270	0
S92004.H	04-DEC-89	19:01:05	5811	2	64	1212	1221	270	0
S92005.H	04-DEC-89	19:01:59	5811	3	64	1212	1221	270	0
S92006.H	04-DEC-89	19:03:46	5811	1	64	1221	1221	270	0
S92007.H	04-DEC-89	19:04:46	5811	2	64	1221	1221	270	0

MAGNETOGRAPH OBSERVATIONS

FILE-NAME	DATE	TIME	REGION	λ P	ENH	FP	CF	TAPE	C.T.
S92008.H	04-DEC-89	19:05:33	5811	3	64	1221	1221	270	0
S92009.H	04-DEC-89	19:07:19	0	3	64	1212	1221	270	0
S92010.H	04-DEC-89	19:08:18	0	3	64	1221	1221	270	0
S92011.H	04-DEC-89	19:09:18	0	3	64	1230	1221	270	0
S92012.H	04-DEC-89	19:10:08	0	3	64	1230	1221	270	0
S92013.H	04-DEC-89	19:11:54	0	3	64	1215	1221	270	0
S92014.H	04-DEC-89	19:12:50	0	3	64	1220	1221	270	0
S92015.H	04-DEC-89	19:13:52	0	3	64	1230	1221	270	0
S92016.H	05-DEC-89	14:56:20	5818	1	128	1233	1224	270	0
S92017.H	05-DEC-89	14:57:36	5818	2	128	1233	1224	270	0
S92018.H	05-DEC-89	14:58:55	5818	3	128	1233	1224	270	0
S92019.H	05-DEC-89	15:00:58	5818	1	128	1215	1224	270	0
S92020.H	05-DEC-89	15:02:14	5818	2	128	1215	1224	270	0
S92021.H	05-DEC-89	15:03:29	5818	3	128	1215	1224	270	0
S92022.H	05-DEC-89	15:05:04	5818	1	128	1224	1224	270	0
S92023.H	05-DEC-89	15:06:21	5818	2	128	1224	1224	270	0
S92024.H	05-DEC-89	15:07:37	5818	3	128	1224	1224	270	0
S92025.H	05-DEC-89	15:11:13	5821	1	128	1233	1224	270	0
S92026.H	05-DEC-89	15:12:29	5821	2	128	1233	1224	270	0
S92027.H	05-DEC-89	15:13:45	5821	3	128	1233	1224	270	0
S92028.H	05-DEC-89	15:16:59	5821	1	128	1215	1224	270	0
S92029.H	05-DEC-89	15:18:15	5821	2	128	1215	1224	270	0
S92030.H	05-DEC-89	15:19:31	5821	3	128	1215	1224	270	0
S92031.H	05-DEC-89	15:21:28	5821	1	128	1223	1224	270	0
S92032.H	05-DEC-89	15:22:45	5821	2	128	1223	1224	270	0
S92033.H	05-DEC-89	15:25:05	5821	3	128	1223	1224	270	0
S92034.H	05-DEC-89	15:37:49	5816	1	128	1230	1221	270	0
S92035.H	05-DEC-89	15:39:05	5816	2	128	1230	1221	270	0
S92036.H	05-DEC-89	15:40:21	5816	3	128	1230	1221	270	0
S92037.H	05-DEC-89	15:42:29	5816	1	128	1212	1221	270	0
S92038.H	05-DEC-89	15:43:44	5816	2	128	1212	1221	270	0
S92039.H	05-DEC-89	15:47:50	5816	3	128	1212	1221	270	0
S92040.H	05-DEC-89	15:49:29	5816	1	128	1221	1221	270	0
S92041.H	05-DEC-89	15:50:45	5816	2	128	1221	1221	270	0
S92042.H	05-DEC-89	15:53:20	5816	3	128	1221	1221	270	0
S92043.H	05-DEC-89	16:09:29	0	3	128	1212	1221	270	0
S92044.H	05-DEC-89	16:11:02	0	3	128	1230	1221	270	0
S92045.H	05-DEC-89	16:13:22	0	3	128	1233	1221	270	0
S92046.H	05-DEC-89	16:15:06	0	3	128	1215	1221	270	0
S92047.H	05-DEC-89	16:16:28	0	3	128	1224	1221	270	0
S92048.H	05-DEC-89	16:22:11	0	3	128	1224	1221	270	0
S92049.H	05-DEC-89	18:51:30	5818	1	128	1233	1224	270	0
S92050.H	06-DEC-89	18:26:36	5818	1	128	1232	1223	271	0
S92051.H	06-DEC-89	18:27:58	5818	2	128	1232	1223	271	0
S92052.H	06-DEC-89	18:29:40	5818	3	128	1232	1223	271	0
S92053.H	06-DEC-89	18:32:10	5818	1	128	1214	1223	271	0
S92054.H	06-DEC-89	18:33:39	5818	2	128	1210	1223	271	0
S92055.H	06-DEC-89	18:35:01	5818	3	128	1210	1223	271	0

Appendix B

H-ALPHA OBSERVATIONS

HALPHA OBSERVATIONS

DATE	TIME	EXPS	WEATHER
01-04-89	1848	08	CLEAR
01-05-89	2147	10	
01-06-89	1828-1829	14	
	1831	06	
	2058	10	
01-17-89	1528	8	
	1530	10	
	1836-1837	14	
	1856-1857	7	
01-18-89	1603	10	
	2014	10	
01-19-89	1858	12	
	1859	8	
01-23-89	1723-1725	13	
01-27-89	1921	3	
01-31-89	1510	2	

HALPHA OBSERVATIONS

DATE	TIME	EXPS	WEATHER
03-01-89	2102	10	
03-08-89	2032	3	
	2033	10	
03-09-89	1537	20	
	1710	10	
	2019	10	
03-10-89	1633	6	
	1929	10	
	1936	9	
	2104	30	

HALPHA OBSERVATIONS

DATE	TIME	EXPS	WEATHER
07-10-89	1400	10 EXPS	PARTLY CLDY
07-12-89	1528	30 EXPS	HAZY SKIES
07-13-89	1340	10 EXPS	PARTLY CLDY
07-14-89	1948	10 EXPS	PARTLY CLDY
07-18-89	1514	10 EXPS	HAZY SKIES
07-24-89	2025	10 EXPS	PARTLY CLDY
07-25-89	1317	10 EXPS	CLEAR SKIES
	2004	14 EXPS	
07-26-89	1355	10 EXPS	CLEAR SKIES
	1545	10 EXPS	
07-27-89	1711	10 EXPS	HAZY SKIES
	1932	7 EXPS	
07-28-89	1512	16 EXPS	PARTLY CLDY

HALPHA OBSERVATIONS

DATE	TIME	EXPS	WEATHER
08-02-89	1919	4 EXPS	PARTLY CLDY
08-03-89	2108	10 EXPS	CLOUDY
08-08-89	1402	20 EXPS	PARTLY CLDY
	1403	4 EXPS	
08-22-89	1343	15 EXPS	PARTLY CLDY
08-23-89	1720	17 EXPS	PARTLY CLDY
	1930	7 EXPS	
08-24-89	1702	10 EXPS	PARTLY CLDY
08-28-89	1728	19 EXPS	PARTLY CLDY
08-31-89	1600	14 EXPS	HAZY SKIES

HALPHA OBSERVATIONS

DATE	TIME	EXPS	WEATHER
09-05-89	1530	4 EXPS	PARTLY CLDY
09-07-89	1330	4 EXPS	CLOUDY
09-08-89	1450	3 EXPS	HAZY SKIES
09-09-89	1538	10 EXPS	PARTLY CLDY
	2000	7 EXPS	
09-13-89	1550	4 EXPS	HAZY SKIES
09-18-89	1340	10 EXPS	CLEAR SKIES
	1817	10 EXPS	PARTLY CLDY
09-19-89	1517	10 EXPS	CLEAR SKIES
09-20-89	1617	10 EXPS	PARTLY CLDY
09-26-89	1810	10 EXPS	PARTLY CLDY
09-27-89	1317	10 EXPS	PARTLY CLDY

HALPHA OBSERVATIONS

DATE	TIME	EXPS	WEATHER
10-02-89	1939	17	PARTLY CLDY
10-03-89	1650	15	HAZY SKIES
10-04-89	1319	12	CLEAR SKIES
10-05-89	1835	6	CLEAR SKIES
10-06-89	1821	13	PARTLY CLDY
10-10-89	1509	10	HAZY SKIES
	2020	6	
10-11-89	1354	10	CLEAR SKIES
	1643	10	
10-12-89	1349	10	CLEAR SKIES
	1652	5	
10-13-89	1336	4	CLEAR SKIES
10-14-89	1536	11	CLEAR SKIES
	1638	6	
10-15-89	1740	6	CLEAR SKIES
10-24-89	1745	20	CLEAR SKIES
	2015	20	
10-25-89	1713	20	CLEAR SKIES
	1941	10	
10-26-89	1501	7	CLEAR SKIES
10-27-89	1535	10	CLEAR SKIES
10-28-89	1955	3	CLEAR SKIES
10-29-89	1348	5	CLEAR SKIES
	1646	5	
10-30-89	1413	10	PARTLY CLDY
	1709	6	
10-31-89	1950	10	PARTLY CLDY

HALPHA OBSERVATIONS

DATE	TIME	EXPS	WEATHER
11-03-89	1557	10	CLEAR SKIES
	1757	10	
11-04-89	1843	5	CLEAR SKIES
11-05-89	1448	8	CLEAR SKIES
11-08-89	1910	40	TEST STRIPE
11-12-89	1441	20	CLEAR SKIES
11-13-89	1553	10	CLEAR SKIES

Appendix C

WHITE-LIGHT OBSERVATIONS

WLIGHT OBSERVATIONS

DATE	TIME	EXPS	WEATHER
01-04-89	1620	2	
	1847	2	
01-05-89	2154	2	
01-06-89	1826	3	
	2057	2	
01-17-89	1532	2	
	1834	2	
01-18-89	1605	2	
	2012	2	
01-19-89	1856	2	
01-23-89	1728	2	
01-25-89	1952	3	
01-27-89	1924	2	
01-30-89	2008	2	
01-31-89	1507	2	
	2020	2	

WLIGHT OBSERVATIONS

DATE	TIME	EXPS	WEATHER
02-08-89	2010	3	
?	?	?	
02-28-89	1805	2	

WLIGHT OBSERVATIONS

DATE	TIME	EXPS	WEATHER
03-07-89	1955	3	
03-07-89	1738	3	
	2035	1	
03-09-89	1540	3	
	2020	1	
03-10-89	1625	3	
	1934	2	
03-14-89	1810	5	

WLIGHT OBSERVATIONS

DATE	TIME	EXPS	WEATHER
06-01-89	1352	2	PARTLY CLDY
	1825	2	
06-07-89	2025	3	HAZY SKIES
06-13-89	1930	3	HAZY SKIES
06-14-89	1321	3	PARTLY CLDY
	1532	1	
06-23-89	1320	1	PARTLY CLDY
	1812	2	
	2005	1	
06-26-89	1320	2	HAZY SKIES
06-27-89	1242	2	HAZY SKIES

WLIGHT OBSERVATIONS

DATE	TIME	EXPS	WEATHER
07-10-89	1358	2	PARTLY CLDY
	1845	1	
07-12-89	1405	2	HAZY SKIES
	1532	2	
07-13-89	1338	2	PARTLY CLDY
07-14-89	1955	3	PARTLY CLDY
07-18-89	1516	3	HAZY SKIES
07-24-89	2022	3	PARTLY CLDY
07-25-89	1315	3	CLEAR SKIES
	1622	3	
	2005	1	
07-26-89	1353	2	PARTLY CLDY
	1543	1	
	1743	1	CLEAR SKIES
07-27-89	1340	2	HAZY SKIES
	1710	1	
	1930	1	
07-28-89	1510	2	PARTLY CLDY

WLIGHT OBSERVATIONS

DATE	TIME	EXPS	WEATHER
08-02-89	1917	2	PARTLY CLDY
08-08-89	1400	3	PARTLY CLDY
08-09-89	1537	1	HAZY SKIES
	2025	1	
08-10-89	1552	2	HAZY SKIES
	1945	2	
08-11-89	1600	2	HAZY SKIES
	1838	1	
08-14-89	1404	2	HAZY SKIES
08-15-89	1517	3	PARTLY CLDY
08-22-89	1345	4	HAZY SKIES
08-23-89	1718	3	HAZY SKIES
08-24-89	1700	2	HAZY SKIES
08-28-89	1725	2	HAZY SKIES
08-31-89	1658	2	HAZY SKIES
	1815	2	

WLIGHT OBSERVATIONS

DATE	TIME	EXPS	WEATHER
09-05-89	1527	3	CLEAR SKIES
09-07-89	1325	2	HAZY SKIES
09-08-89	1450	2	CLEAR SKIES
09-09-89	1537	2	PARTLY CLDY
	1957	1	
09-13-89	1555	2	HAZY SKIES
09-18-89	1343	2	CLEAR SKIES
	1815	2	PARTLY CLDY
09-19-89	1520	2	PARTLY CLDY
09-20-89	1621	3	CLEAR SKIES
09-26-89	1713	2	CLEAR SKIES
09-27-89	1320	2	CLEAR SKIES

WLIGHT OBSERVATIONS

DATE	TIME	EXPS	WEATHER
10-02-89	1945	2	PARTLY CLDY
10-03-89	1648	2	HAZY
	2057	2	
10-04-89	1322	3	CLEAR
10-05-89	1837	2	CLEAR
10-06-89	1825	2	PARTLY CLDY
10-10-89	1330	3	HAZY
10-11-89	1357	2	HAZY
	1640	1	
10-12-89	1350	2	CLEAR
	1650	1	
10-13-89	1335	5	CLEAR
10-14-89	1538	3	CLEAR
	1635	1	
10-15-89	1745	4	CLEAR
10-24-89	1742	4	CLEAR
10-25-89	1710	2	CLEAR
	1939	2	
10-26-89	1500	2	CLEAR
10-27-89	1537	2	CLEAR
10-28-89	2000	2	CLEAR
10-29-89	1350	1	CLEAR
	1645	1	
10-30-89	1410	3	CLEAR
	1708	2	
10-31-89	2100	3	CLEAR

WLIGHT OBSERVATIONS

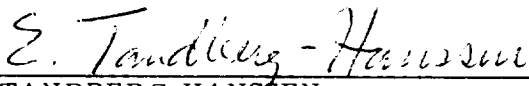
DATE	TIME	EXPS	WEATHER
11-01-89		2	TEST
11-03-89	1547	2	CLEAR
11-04-89	1457	3	CLEAR
	1840	2	
11-05-89	1450	2	PARTLY CLDY
11-09-89	1950	2	PARTLY CLDY
11-12-89	2010	3	CLEAR
11-13-89	2045	2	HAZY

APPROVAL

NASA MARSHALL SPACE FLIGHT CENTER SOLAR OBSERVATORY RPEORT
JANUARY-DECEMBER 1989

By James E. Smith

The information in this report has been reviewed for technical content. Review of any information concerning Department of Defense or nuclear energy activities or programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.



E. TANDBERG-HANSEN
Director
Space Science Laboratory